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MONTHLY BULLETIN

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A State Organization of The American Institute of Architects

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Entered as second class matter January 15, 1946 at Postoffice at Detroit, Mich., under Act of March 3, 1879. Published Monthly
Subscription price $3 per year (Members $1). 30c per copy (Special Numbers $1).

Volume 26 | DETROIT, MICHIGAN, MAY, 1952 | Number 5

MAY 12 1952
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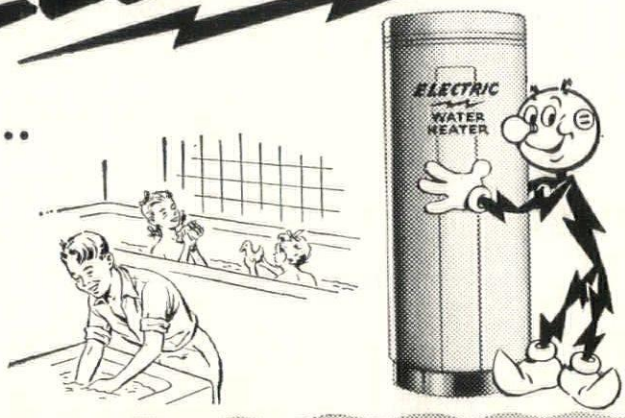

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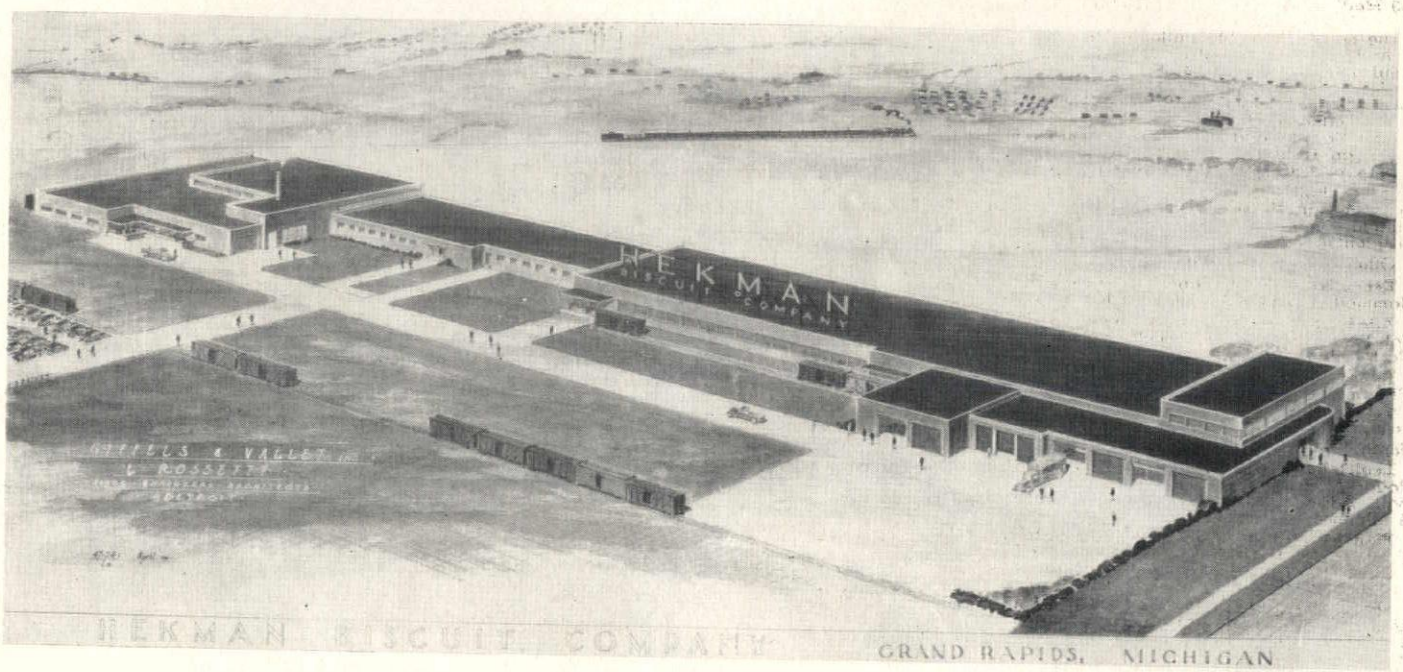

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MONTHLY BULLETIN

MICHIGAN SOCIETY OF ARCHITECTS

(Formerly Weekly Bulletin)

120 Madison Avenue **Detroit 26, Michigan**

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1952 Midsummer Conference, Grand Hotel, Mackinac Island, July 31-Aug. 2 & 3, 1952—Ralph W. Knuth, Chairman; Louis C. Kingscott, James A. Spence.

APELSCOR—Charles B. McGrew, Chairman; Linn C. Smith. Alternates: John O. Blair, Carl B. Marr.

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Theodore G. Seemeyer, Jr., Advertising Director, 120 Madison Avenue, Detroit 26, Michigan. Telephone WOodward 5-3680.

Entered as second-class matter Jan. 15, 1946 at the Post Office at Detroit, Mich., under Act of March 3, 1879. Published monthly. Subscription price $3.00 per year (members $1). 30c per copy (Special numbers $1).

This Month

We are proud to present a special issue devoted to the Western Michigan Chapter, A.I.A.

Officers, directors and committee chairmen of the Chapter have cooperated to make this number a success. We believe our readers will agree that the work illustrated herein is most creditable.

The ceramic trophy shown on the cover, symbol of the awards, was designed and executed by Leonard Jungwirth, sculptor.

It is hoped that the winning designs will be entered in the national competition.

MSA BOARD MEETS IN WESTERN MICHIGAN

The Board of Directors of the Michigan Society of Architects met at the Morton House in Grand Rapids on the afternoon of April 15, then joined with members of the Western Michigan Chapter for a social hour and dinner meeting. Klingman's Furniture Store, across the street from the Morton, entertained the joint group at a special showing of the Howard T. Keating House Competition drawings, which were at the store during that week. The drawings, exhibited at Detroit, Ann Arbor and Grand Rapids, will next be shown by Mr. Keating at his offices, Thirteen Mile and Lahser Roads in Detroit.

At the dinner meeting, Elmer J. Manson, local Chapter president, presided and called upon Society president, Leo M. Bauer, who reported briefly on his board meeting.

HARLAN SCHOLARSHIP RELEASED

President Bauer announced that the C. Allen Harlan $5000 Scholarship had been finally approved for release to the press and for distribution to applicants. The deadline for filing applications is June 1, 1952. Forms may be obtained by applying to the Society's office at 120 Madison Avenue, Detroit 26.

SENATE BILL 303 PASSED

The president also reported that Senate Bill 303, which has to do with amendments to the architects' and engineers' Registration Act, had been passed by the House and Senate at Lansing, in its original form, without the objectionable amendments, and it now awaits the Governor's signature. This Act, including amendments, will be published in the Bulletin in the near future.

CONVENTION IN DETROIT

The Society Board heard a final report from Linn C. Smith, general chairman of the Society's 38th Annual Convention, held in Detroit on March 5-8, 1952. It was agreed that this was one of the best in the Society's history. Linn gave much credit to the chairmen and members of his various committees, who, he said, did their work so well. Because of increased attendance in recent years, the space required for the exhibits, banquet and other features, it was felt desirable to engage facilities at the Statler for five years in advance, for the second week in March. President Bauer announced that James B. Morison, A.I.A. of Detroit had been named general chairman for the 1953 convention.

MACKINAC CONFERENCE

Ralph W. Knuth had reported to the Board that plans for the Society's Midsummer Conference at the Grand Hotel on Mackinac Island were progressing apace. Another small house competition will be held in the meantime and drawings exhibited at the hotel on July 31, August 1 and 2. There will also be other exhibits.

SPECIAL REPRESENTATIVE Neil C. Bertram reported on his activities in connection with recent legislation at Lansing, and on plans for the future. He will be calling on architects of the State again and it is hoped that they will give him every cooperation.

TO MEET IN ANN ARBOR

The next meeting of the Society Board will be at the home of Ralph W. Hammett, Society vice-president, in Ann Arbor, on May 7. After the board meeting, members of the board will meet jointly with the faculty of the College of Architecture and Design for a discussion of architectural education, in order that the Board may be better informed as to what the College teaches and to explore the possibility of the Society being more helpful.

ARCHITECTURAL EXHIBIT

President Bauer stated at the dinner meeting that the showing of the Keating Competition drawings at Klingman's in Grand Rapids was a splendid gesture on their part. The cocktail party there afforded an excellent opportunity for the visitors to mingle with the local members of the profession and to meet the "Klingman boys" who turned out to be the Vandenburg boys. The surroundings of fine modern furniture added much to the enjoyment. It was nice to see again our good friends, old and new, from Western Michigan.

CHAPTER DINNER

President Manson called upon program chairman, C. A. O'Bryon, who in turn called on Alwin Kolm of Holland to report on the Chapter's summer outing scheduled at Mackatawa for June 7. Al stated that this was a one-day affair and not intended to compete with the Mackinac conference. There will be table-top displays by the Producers' Council and Mr. Lawton Lane, national president of the Producers, will be speaker at the banquet.

Elmer presented president Bauer with two gifts; one a bandana to use in case the famous red one used at the convention wears out; the other was four horse shoes for his faithful Silver. One, he said was for devotion, one for loyalty, the third for doggedness and the fourth for riding rough-shod over the State Affairs Committee.

Bauer paid tribute to our one and only Roger Allen, past president of the Society, true friend of all architects, and "a joy forever."

Speaker of the evening was Robert L. Roebuck, chief field investigator for the State Board of Registration for Architects, Professional Engineers and Land Surveyors.

Roebuck said that the only fault he had to find was that he had not received enough reports on violations from architects. Since the convention in Detroit when he spoke on the matter and instructed how to proceed, he

RALPH GERGANOFF PICTURES HIS FLIGHT AROUND THE WORDL

Ralph S. Gerganoff, A.I.A., of Ypsilanti, was the speaker before a meeting of the Detroit Chapter, A.I.A. in the auditorium of the Rackham Memorial Building in Detroit on the evening of April 16. He showed color motion pictures taken on his world flight last fall.

At dinner preceding the lecture, Vice-President Amedeo Leone presiding, reported briefly on the board meeting which took place during the afternoon. He announced the national honor awards of the Institute, stating that closing date is June 7. Members are urged to send in their entries direct to Washington, according to the program that has been mailed to all members.

At the request of Leone, Clair W. Ditchy added some information about the national convention, saying that the committee in New York is working overtime to make it one of the most enjoyable and profitable in Institute history.

Al also reported the passage of House Bill 303, amending the Registration Act, saying that the objectionable amendments were eliminated and the Bill passed in its original form. He gave much credit to Leo Bauer, Gus Langius, Charles McGrew and other members of committees who did a great service for the profession.

In introducing the speaker, Leone recalled the time some years back when an architect or student went to Europe, generally via steerage, and then by bicycle to the various points of interest. In contrast to this, he said Clair and Berenice Ditchy conducted a deluxe tour last fall and Ralph Gerganoff went around the world by air. Just how an architect finds time for this and still do his work, he did not know, but he emphacized that Gerganoff does do a great deal of fine work.

Ralph launched into his pictures immediately, talking as they were being shown. He related that he had the opportunity to see a hospital which he had planned some years ago for the City of Scopie, Masedonia.

He saw little new construction except the railway station in Rome and a commercial building in Pakistan.

He said that many people were interested in the cost of such a trip, so he gave his audience an idea. He stated that plane fare was about $2,500, hotels, etc. about $1500 and other incidentals made a total of about $6500.

Ralph showed as his first picture the changing of the guard at Buckingham Palace in London; then followed other scenes there and pictures taken in Europe, the Holy Lands, Turkey, Greece, the Middle East, Far East, Honolulu, and back to San Francisco.

In each country he gained considerable knowledge about the lives and customs of the people, which he revealed to his audience in a most interesting way.

A considerable number of lay people, including ladies, were in the audience, and expressions from many were to the effect that this was one of the finest programs the Chapter has had. It appealed to architects and the public alike.

had received only one complaint from the architectural profession. He has forms to fill out giving full information so that he can follow up the violations. He stated that he was obtaining excellent cooperation from building departments.

The inspector has recently taken steps to have removed from listing under architects in the classified telephone directory in Detroit all those who are not registered, and of some 28 more than half of them have complied and ordered their names omitted. If others do not comply within a reasonable time further steps will be taken.

Before the meeting adjourned, Elmer Manson introduced Paul Flanagan, of the Roger Allen firm, and thanked him for doing the work necessary to make the Klingman exhibit a success.

President Bauer announced that this was the first time in many years that the Society Board had met with one of the chapters. He stated that the practice would continue, adding that the September meeting would be jointly with the Detroit Chapter, when a visit will be made to the WWJ-TV new studios, for which Giffels & Vallet, Inc., L. Rossetti Associate, Engineers and Architects, are architects and engineers. That firm will be hosts at a social hour preceding the inspection of the new building. On another occasion the Board will meet with the Saginaw Valley Chapter.

President Manson reported the election of two new associate members of the Chapter, Craig Niephaus and Walter Hanson. The Chapter had also approved application for one new corporate member which had been sent to Washington. He recognized Harford Field and Karl F. Krause, Jr., members who had came 150 miles from Traverse City, also engineer Dick Kingscott of the Kalamazoo architectural and engineering firm bearing his name.

A resolution of sympathy was extended to the family of Ralph Herrick, Chapter member who died on March 29.

An Open Letter to
All Practitioners and
Architectural Registrants
of Michigan

Our amendments to Act No. 240, P.A. 1937, as contained in House Bill No. 303, have been approved by the Senate and House of Representatives of the Michigan Legislature. The Bill now awaits signature by the Governor, enacting it into law. You will remember that this Bill is the one on which our Special Committee on Legislation worked with great diligence for almost a year. The text of the complete Act, together with the recent amendments, is included in this issue of the Monthly Bulletin.

To all of you who have responded so magnificently to our call for help, may I express to you the sincere appreciation from each Member of the Board. We have received subscriptions from approximately one-half of the total membership, and to those of you who have not sent in contributions may I urge that you **do so immediately.** The program which you may believe complete has only begun, and will require much time and cost in the forseeable future. The names of those who have contributed to the Special Legislative Fund are listed below.

May I extend a big and genuine "Thank you" to those who have contributed, with the hope that every registrant in this State who is delinquent will send his contribution immediately. Ours is a program for the entire profession, and not just for the few who have supported our efforts in your behalf.

Very sincerely yours,
MICHIGAN SOCIETY
OF ARCHITECTS
By Leo M. Baner,
President.

Meeting of the
AIA
DETROIT CHAPTER

THE AMERICAN INSTITUTE OF ARCHITECTS
Rackham Memorial Building, 100 Farnsworth Ave., Detroit

MONDAY, MAY 19, 1952

Board Meeting, 4:00 P.M.—Dinner, 6:30—Program, 8:00

SOCIAL HOUR — REFRESHMENTS — 6:00

Speaker and subject will be announced later, when reservation cards are mailed.

It is believed that the speaker will be Mr. Charles Eames, of Venice, California.

Dinner will be in Rooms E, F & G., the lecture will be in the auditorium.

Delegates to the A.I.A. 84th Convention in New York City, June 24-27, will be elected.

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RALPH HERRICK

Ralph B. Herrick, A.I.A. senior member of the firm of Herrick and Simpson, Architects, of Lansing, Mich., died on March 29 at the age of 57. He was a member of the Western Michigan Chapter, A.I.A., M.S.A., V.F.W., and Lions Club.

Born in Lansing on July 26, 1894, he graduated from the Lansing High School in 1913, then worked as office boy and junior draftsman for S. D. Butterworth from 1913 to 1917.

Following his service with the 119th Field Artillery during World War I, he returned to the Butterworth office, until 1920, when he entered the University of Michigan. He remained at the University until 1922, when he became registered to practice in Michigan and an associate of the Butterworth firm through 1925.

The next five years he spent with J. H. Churchill, as an associate of the firm, then went with the National Park Service.

Since 1937 he has been in partnership with S. G. Simpson in Lansing. The practice is now being carried on by Stanley G. Simson and Bruce M. Hartwick.

Says Architectonics, publication of the Western Michigan Chapter, "Ralph had earned the sincere respect of all architects who knew him. His friendliness and leadership will be missed in our community."

SMALL HOUSE COMPETITION

The program for a concrete masonry home competition announced by President Bauer at the Michigan Building Industry banquet which concluded the Society's 38th Annual Convention, is now being prepared and will be available to contestants on or about May 15, 1952, according to C. A. Sirrine, A.I.A., Professional Advisor to the Competition.

This competition, sponsored by the Society and for which the Concrete Products Association of Detroit has provided $3250.00 for cash prizes, will be open to all architects, draftsmen and students of architecture who are residents of the State of Michigan.

Awards of $1000.00 first prize, $750.00 second prize, $500.00 third prize and ten honorable mention prizes of $100.00 each will be made for designs of a concrete masonry home within the financial reach of the so-called lower income group. A jury of award to be selected from the Society's membership will judge the designs submitted.

Assistance in formulating the competition program is being given by Messrs. Ralph W. Hammett and John O. Blair acting for the Society and by the Association's Technical Problems Committee, composed of Messrs. George A. Mansfield, Herbert J. Vincent and Benjamin Wilk, acting for the Association.

Qualified individuals who wish to enter the competition may so indicate prior to May 15 by written communication addressed to the professional advisor at 76 Adams Avenue, West, Detroit 26, Michigan. The competition program will be delivered as close to May 15 as possible in response to any advance requests and to all others who may elect to enter at a later date.

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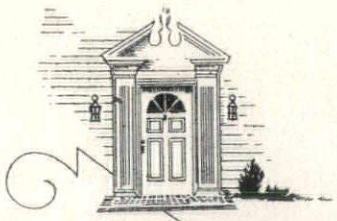
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"ME 'N' SILVER"

By Leo M. Bauer, President of the Michigan Society of Architects. A rendition at the Building Industry Banquet, closing event of the Society's 38th Annual Convention at Hotel Statler, Detroit, March 7, 1952.

Listen! Listen! Hear that whinnin' and neighin' out yonder?

Look: Look: Here comes Silver from down by the crick and arunnin' up the hill here to me as if I was his home. He's a beautiful hoss and his canter is as regular as my heartbeat. You see, me and Silver is pals. I got him up at the Bar X ranch in Osage county when he was just a colt. Reckon he might have been killed in that stampede if I hadn't been lucky with my rope. Got him just in time. I raised him to a pony, and he was up to all sorts of things, but never was an ornry critter. And see what a beautiful thing he is now. I curry him lots, and his coat shines like the sun. He was borned in Kansas, too.

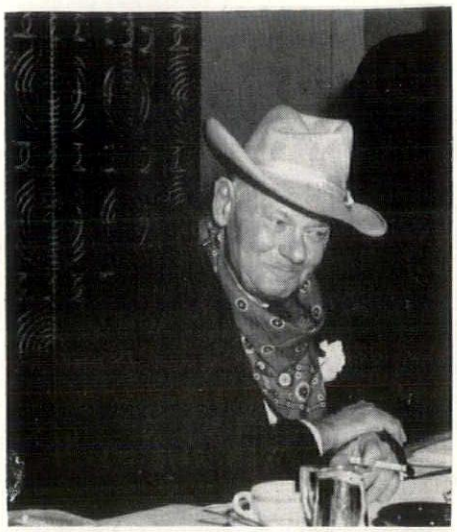
Me and him has been all over the plains and these Kansas prairies. Wunst we started down at San Antone, up through Oklahomy, and rode all the way to Dodge to get some herds on their way, so the folks back east could have beef, I guess. 'Nuther time we rode all the way from Cheyenne to Colby and didn't lose a steer. That's how good he is. Why! I wouldn't trade him for a dozen cow pokes like me.

Me and Silver is all alone and we talk about everything, and I guess I love him, as if a cow poke could love anything! An' he is smart too. Sometimes we laze along like tumble bugs, and all of a sudden we go hellbent for 'lection just like a bunch of yaller jackets hit us, but allus' watchin' our herds.

Sometimes we got calf tendin' to do; and they's babies, jes like me an' him wunce wuz, and God says we got to help 'em. While I'm there doing what I kin, there's Silver roundin' up those steers and keepin' them away, just as if he knowed what was goin' on.

Offen tell Silver, there ain't no company like a cow poke and his hoss, and there ain't nothin' in the world like a rest down by the crick. After ridin' hard all day, an' when the sun is settin', he there a munchin' on the Buffalo grass and thistle shoots, or feedin' from a bag that I allus have for him; and me 'fore an open fire, afryin' a couple hunks of sow belly and eatin' beans and hardtack. Boy! We eat like kings.

And I'm good to Silver, too. I comb and curry him and rub him hard and he likes it. I carry some rubbin' stuff, cuz sometimes he limps and gets sore muscles, and then I have some sody for his eyes just to wash 'em out. I allus have one of those big blankets for throwin' on his back, cuz it gits cold and wet out thar on the prairies. I saddle him so's not to hurt his belly, and I don't ever pull hard on his bit. Reckon he likes that too. I allus have a feedbag and we're never too far from a crick where me and him can have a drink.



"Hi Yo, Silver." Bauer

Some fellers say there ain't nothin' so lonesome as the prairies at night. But shucks! Me and Silver don't mind. In the dark he stands there aguardin' me, cuz he never lays down; guess he never sleeps. Then he pricks up his ears for the sound of a howlin' coyote, a crash in the sage brush, or the quirp of a prairie dog. An' me a layin' there safe on the tough grass, now as soft as the fleecy clouds up yonder. An' the great blue sky covers us for the night; and the winkin' of the stars is wonderful.

Then comes the dawn, and Silver nudges me with his big snoot. There he stands against a risin' sun, just like a statue carved in marble on hard rock, as we cow pokes say. Shucks! He's as fine a nag whose ever stood on hoofs; he's beautiful cuz he's my pal, and I love him.

Ho! Hum! Guess I'll git up, for there's a lot of work out yonder, and besides, guess this meetin's got to be turned back to another feller. Let's get goin'! Hi yo! Silver.

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Producers' Council

Two hundred and fifty architects, producers and others attended the dinner meeting held by the Michigan Chapter of the Producers' Council, Inc., at Hotel Fort Shelby, Detroit, on April 14th. The affair was sponsored by the Pittsburgh Corning Corporation, which became a member of the Chapter on April 1st, and will long be remembered for the red carnations given out to each guest as a boutonniere, together with the glass block flower-holders found at each place at the table.

William H. Polk of the Pittsburgh Corning Corporation spoke on "Insulated Sandwich Wall Panel Construction" and demonstrated his talk with color-sound film and slides.

At the speakers table, besides Mr. Polk, were Leo Bauer, President of the Michigan Society of Architects, Andrew Kirkpatrick, A. J. Roche, Paul Japp, Fred Muller, Chairman John Finn, C. H. Richert, J. R. Nicholson, Clyde Oakley and Ray Nichols.

Among the architects noted in attendance were Neil Gabler, John Thornton, Linn Smith, John Blair, Paul Brown, Joe Leinweber, Bill Fernald, Gustav Muth, and "Col." Ralph Hammett.

Still more were Jonathan Taylor, Ernest Greenberg, Gordon Sheill, Louis Redstone, Frank Barcus, Stewart Kissinger, Eugene Mitton, Stanley Fleischaker and Ted Rogvoy.

Among the Producers' were Bill Snure, Ernie Baker, Chuck Kleinbrook, Ross Griffith, Paul Marshall, Bob Ogden, Roy Smith, Don Ollesheimer, Tom Moore, H. M. Armstrong and Harry Fritzam.

Bill Ogden brought along his personable son, young David Ogden. David's mother is the glamorous Clara.

Others noted were Frank Sander, Floyd Clise, Al Hann, Robie Cone, Louie Ollesheimer, Jack Murray, Tom Schwer, R. C. Faulwetter, Bill Ulrich, Don Johnson, Dave Kingman, handsome Wright Hitt and Art Henson.

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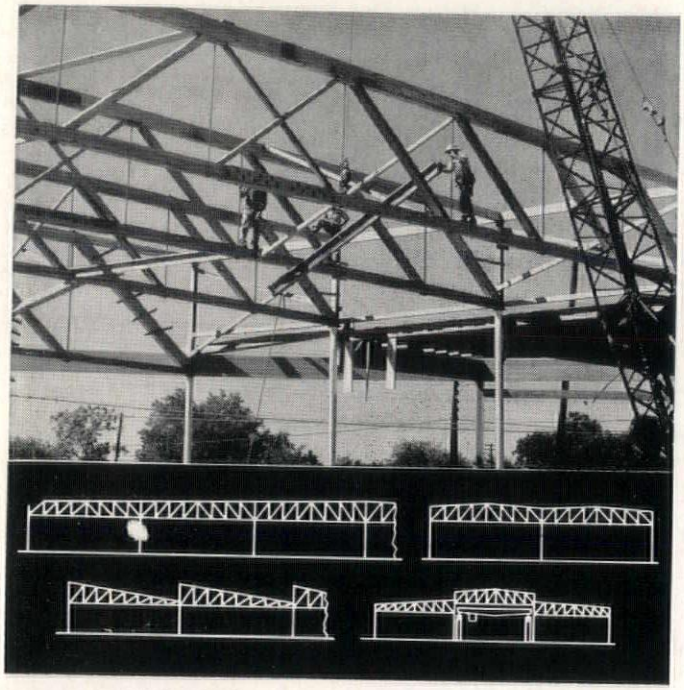

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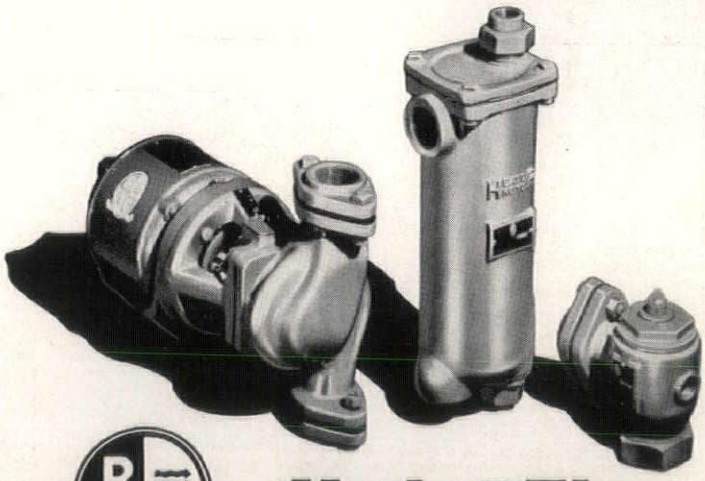

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Architecture Through The Ages — From Few Windows To View Windows

By ROGER ALLEN, A.I.A.

(Speech delivered Sept. 29, 1951, at Bedford, Pa., to Pennsylvania Society of Architects)

When man first came down out of the trees—and confidentially, I consider this was man's first great mistake—it is probable that his first dwellings were caves.

In those days, it was his house that a man didn't know from a hole in the ground.

I am not sure of the exact date when this happened. It was either 4001 B.C. or 10,089 B.C. I have to rely on hearsay, as I am not as old as I look. I have had troubles.

After the first dwelling came the Improved Dwelling, or hole in the ground with no-draft ventilation, dinosaur-proof screens and a breezeway. The breezeway consisted of having a dragon breathe down your neck. This Improved Dwelling was thought up by Early Realtor, who followed Early Man. Like Early Man, Early Realtor was descended from apes. But on him it showed more.

Early Realtor would say to Early Man, "I want to interest you in this modern cave, engineered for Gracious Living. It is located in a rapidly moving subdivision. I know it is rapidly moving, because it is right on top of a glacier. It is adjacent to schools."

"Schools?" said Early Man.

"Schools of fish," said Early Realtor. This dull conversation went on aimlessly for some years.

Then women came along, and things were different. You can say that again. I think I will. Then women came along, and things were different.

Now we have Early Man and Early Woman living in Early House, consisting of a cave. They were married, regardless of what you may have heard from the neighbors.

Life was conducted on simple and correct lines in those days. When an Early Man saw an Early Woman who appealed to his finer instincts, he showered attention on her. Also rocks. When he had convinced himself that this was no passing fancy, but the real thing, and For Always, he would sneak up behind her and rap her sharply on the noggin with a large club. Inasmuch as Early Woman was very hard-headed, this did her no particular damage, unless she happened to be standing on a cement sidewalk. In that case, it hurt her feet. In fact, it got so that if a young lady reached the age of 14 without having flat feet and broken arches, she was considered a wallflower. Her family would encourage her to go swimming in the State Shark Hatchery.

It may sound incredible, but at this era in the history of what we laughingly refer to as civilization, Women had absolutely no effect on domestic architecture.

Historians do not know why this is, but I know. I will not tell you just yet. I want to introduce an element of suspense into this otherwise drab narrative.

Early man was not paying much attention to what Early Woman thought about domestic architecture, as he had discovered art. He was drawing pictures on the wall of his cave, depicting Great Moments in History. Such as the battle between his Uncle Mushdome and the Saber-Toothed Tiger. This was the one in which Uncle Mushdome would have won the decision only his foot slipped. Slipped right into the mouth of the saber-toothed tiger, along with the rest of Uncle M. Under the picture was the inscription, "My Uncle Mushdome was a great fellow when he had it, and he's had it."

Early Woman did not care for Art. She said it did not go with the drapes.

I will now tell you why Early Woman had no influence on domestic architecture. It was because her costume did not include a handbag. In fact, her costume did not include much costume, as far as that goes, and it didn't go far.

Now if you did not happen to be architects, you probably would not understand why the fact that Early Woman had no handbag could be responsible for the fact that she had no influence on domestic architecture. But I need hardly tell my fellow practitioners that unless you have a handbag, how are you going to carry around a bale of clippings from our more refined four-color magazines showing the kind of house you want, one clipping to a room and three extra for the bathroom, and the whole thing not to cost more than so and so because her sister in Dubuque built an ever bigger house for such and such.

So we still have Early Man and Early Woman living in a cave and by this time Early Man has finished a mural painting which looks like a midget hitching up Rudolph the Red-Nosed Reindeer but which Early Man insists is an accurate picture of him giving the business to a Wooly Mammoth. He wrote a song about his fight with the Wooly Mammoth but do not believe unprincipled people who tell you that the title of this song was "Mammoth Little Baby Loves Shortening Bread." Nelson Eddy isn't that old.

But right at this time—it was 11:35 A.M. on a Tuesday—somebody invented handbags in which ladies could carry six keys that don't unlock anything, four handkerchiefs, an empty aspirin bottle, a snapshot of Emily's youngest boy, six tickets for a Service League raffle she was supposed to turn in last Friday, a lipstick and a mysterious message on the back of a bus transfer reading — "See Geneva about luncheon cloth."

Right at this point, domestic architecture started to hot up.

Early Woman came home one night with an earful obtained from a neighbor Early Woman a couple of caves down. "She says her husband is very handy around the house," she reported. This would have been a good time for her husband to trade her off for another Wooly Mammoth, but he muffed it. "She says her husband is going to build an anti-pterodactyl door with a window in it on their cave and then she is going to put tie-back curtains with ruffles on it," she said. So her husband, not to be outdone, built a pterodactyl-proof French door and she did put tie-back curtains on it and thus interior decoration was on its way to spread ruin and desolation across the centuries.

As a matter of fact, I like interior decorators. A few months ago I made a speech to the American Institute of Interior Decorators. It was an impassioned plea entitled—"Back to the Platform Rocker."

Did it ever occur to you that things in this country started to go to h--l just about the time people quit rocking in old-fashioned platform rockers?

I say "h--l" because that's the way I have to spell it in newspaper copy. I write a newspaper column for The Grand Rapids Press and I have often complained to the Managing Editor that this h--l business is giving people a false idea of my abilities. The theory is that by spelling it "h--l" I am protecting the morals of the young. Of course it actually works out that a tiny tot will come to his mother and say, "Momsie, what is this h--l business in Allen's column?" And Momsie will pat the manly little fellow on the head and say, "Oh, the man is trying to spell 'heel!" And then the little lad says, "But Momsie, isn't that a hell of a way to spell heel?"

Let us get back to the platform rocker.

Of course nowadays you can buy an Eames Rocker, but this is hardly the same thing. I have an Eames rocker, myself, but it is no adequate substitute for the old platform rocker. The Eames rocker has a plastic seat, if you will pardon the expression.

You are probably wondering what all this stuff about the platform rocker has to do with Architecture Through the Ages.

I'm glad you asked me that. It has nothing whatever to do with it. One of the painful features of my lecture is that it contains so many things that have nothing to do with it. People have mentioned this to me before. Often.

Now we return to Early Man sitting in front of Early Hole in the Ground, thinking. We have reached what I would describe as a cul de sac, if I knew how to pronounce it. We have reached a transition. You see, we have

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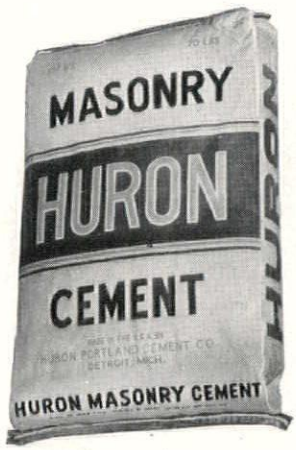

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to cut from the home that consisted of a cavern to the home that was a cabin, and I am not quite sure how this happened. Nobody is.

How come that people quit living in caves and started living in wooden houses? There are many explanations, all equally bogus. It took time, you understand. There is a lapse here of thousands of years.

I have talked this matter over with a very eminent man — Dr. Elmer Quooney, who is on the faculty of my own alma mater, Grand Rapids Sub-Normal. Dr. Quooney is Professor of Romance Languages and Animal Husbandry. Dr. Quooney and I agree that probably the way it came about was this: Early Man is sitting out in front of Early House, thinking. All of a sudden it occurs to him that if, in the course of the centuries, one of his descendants should care to run for President of the United States, and this descendant was qualified to become President, inasmuch as he was neither foreign-born nor a Republican, it would be handy for him in his campaign if he could explain that he had been born in a log cabin. It was clever of Early Man to think of this, as he had no idea what a log cabin was.

It is really very simple. A log cabin is called a log cabin because it is cabin-shaped and made of logs. This is about as logical a remark as you will meet in many a long day.

The logs were mortised together at the corners and the chinks stuffed with mud. In the Far East the Chinks are stuffed with rice. Recent events have convinced me that the principal trouble with the Far East is that it is not Far enough.

So now we have Early Man's descendants sitting in front of his log cabin. He is known as Early Settler because he pays his bills by the 10th of the month.

Log cabins were made very solid because Indians were in the habit of coming around and trying to break in and give the inmates a crew cut, using a hatchet for clippers.

The windows were few and heavily shuttered to keep Indians and sunlight out. One was considered just as unhealthy as the other. It was necessary to have a few windows, however, so that in the case an Indian did break in, you could throw him out. Otherwise the neighbors would say, "Allen is so poor he doesn't even have a window to throw a Pottawatomie out of."

It so happens that windows have always fascinated me. I do not clearly understand about them. People, usually salesmen with a revolutionary new cash balance, are always explaining them to me, but when I finish asking searching questions they usually wander away into the night and the next thing you know their relatives have re-married.

The original windows were merely openings covered with shutters. Then came casement windows and then double-hung windows. After a house, including the window sash, has been painted about six times, the double-hung windows are known as "draw poker" windows, because it takes jacks to open them.

Fundamentally, a window is a hole in a wall designed to admit light and air to an interior. According to modern thinking, it should be very large, to admit plenty of light and allow the occupants of the room a clear and comprehensive view of the garbage truck picking cans off the curb across the street. This is supposed to cure people of that shut-in feeling. It does not cure me, but I am neurotic. That is, I am neurotic according to me. According to others, I am something shorter and uglier.

The function of the window with a lot of glass area is to admit a flood of light. So as soon as the carpenter takes a reluctant leave let us hurry up and hang over the glass some glass curtains, some drapes, some Venetian blinds and some of Junior's laundry to keep the nasty glare out. This will give you a rough idea of what bothers me about windows.

Do you expect me to be consistent about this. In my own living room there is an unobstructed window 11 feet long by 6 feet high. But it looks onto a small but beautiful lake on which, in the winter, one can fish through the ice. I love ice fishing, when I am sitting in front of a birch log fire watching, through an 11 foot window, somebody else doing it.

I am now about to abandon this line of reasoning, if that is what it is, and discourse briefly on my two favorite subjects, Architecture and Women.

Fellow architects, all our professional lives we have been taught that "Form follows function." All right, form follows function. But this means that we are trapped in a vicious circle. Form follows function, men follow women, and women follow diets, to improve their form.

We are right back where we started from.

It isn't a bad place to be.

Architects are very fortunate men. Aside from the obvious fact that they seem to have an uncanny ability to get good-looking women to marry them, they have many other compensations in life, too few of which are of a financial nature.

Of course, they have hardships. People are always coming in and saying to them, "Now I know exactly how I want this; all I want you to do is to draw up some blueprints."

This phrase has always had a morbid fascination for me. "I want you to draw up some blueprints." Nights when I cannot sleep I lie there, picturing myself stationed before a large sheet of blue paper, getting chalk all over my vest as I draw on it.

Then too, architects worry a great deal, and hence are subject to ulcers. One of my favorite books is a volume called "Nervous Stomach Diseases," by Dr. Joseph Montague. I do not have any nervous stomach diseases myself, as I have been on a diet so long the only stomach disease I have to watch out for is malnutrition.

Dr. Montague says, "You do not get ulcers from what you eat; you get ulcers from what's eating you." Dr. Quooney and I are of the opinion that the likelihood of an architect developing ulcers is in direct ratio to the number of draftsmen he employs. I have tentatively decided, after observing hundreds of architects, from New York to Omaha and from Detroit to Phoenix, that the dividing line is 22 draftsmen. I am of the opinion that if you have 21 draftsmen or less, you are reasonably safe but as soon as you pass that point, the danger increases that some morning your breakfast will consist of a flowing bowl of bismuth.

I do not wish to take any chances myself, so I only have eight or nine people in my office. I noticed that in the census of offices that the A.I.A. recently took, the average office had 7.4 persons. Oddly enough, at the time this was exactly the number in our office. 7.4 persons. On receipt of a stamped addressed envelope, any of my associates would be glad to tell you who the .4 was.

Then too, an architect may have a certain amount of union trouble. In Grand Rapids the unions are so strong a man can't clean his pipe without a union card.

But an architect has compensations that other men do not have. There is an old saying in the newspaper business, "Today's masterpiece wraps tomorrow's fish." Six nights a week I knock myself out composing eleven gravity-removing paragraphs for my column, and 24 hours after they're on the street, they might as well have been written with a blunt fork on a bowl of tapioca. Of course, sometimes one of them turns up in the Reader's Digest, credited to the Wall Street Journal. I do not know why this is.

But when an architect gets through with a production, it stays right there. This is not always an advantage, of course. There is one street in Grand Rapids that I never used to drive on as it contained one of my earliest productions that seemed to have soured slightly in the bright light of posterity. Fortunately, they widened the street and I did it over. Now OTHER architects won't drive down that street.

And architects appreciate women. It just so happens that I am an authority on women. This just came about; I didn't take any courses in it. For many years, whenever my family sat down to a holiday dinner, the participants would consist of my wife, my two daughters, my sister, my sister-in-law, my wife's aunt, and me. It is probable that my vocal chords would have atrophied, except for the fact that my daughter, Mary, and my daughter, Bridget, are both kind-hearted girls. Every half hour or so one of them would say, "Everybody keep still and let Daddy say something." and I would say, "May I have some more celery?" And my daughter would say, "That enough; don't try padding your part."

When I say that I am an authority on

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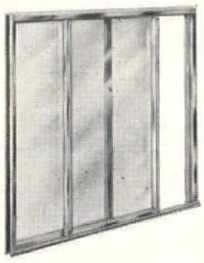

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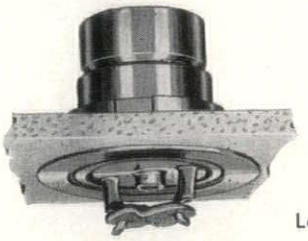

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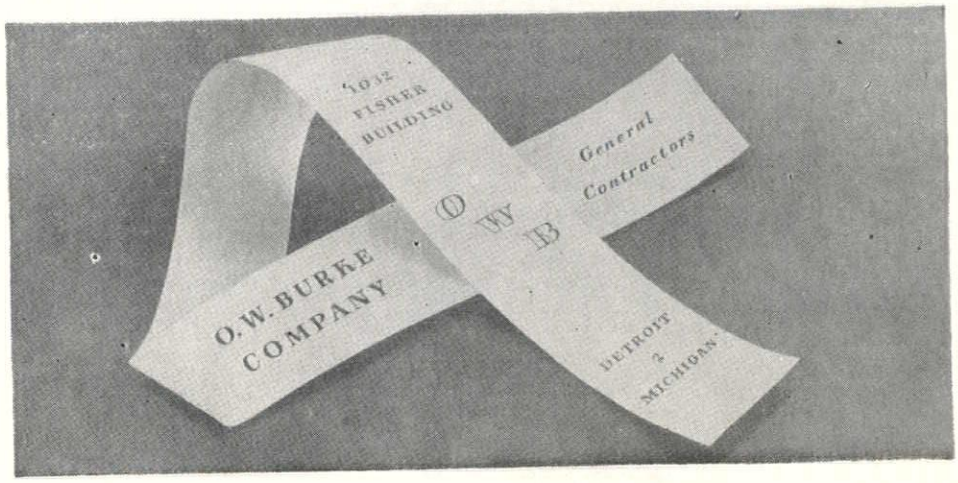

women, I do not mean that I had any authority OVER women. I merely meant that I have done a lot of research in this subject. Library research, you understand. I left the field work to others. I am of a shy and timid nature, and besides my brother-in-law is deputy superintendent of police in Grand Rapids.

There is one thing about women—Well, as a matter of fact, there is more than one thing about women. But one thing has struck me forcibly, over the past 50 years. Female relatives will come and inform me of some decision they have arrived at, and in about 99 cases out of 100, the decisions are absolutely correct. Then they will explain the train of thought that led them to this decision. Practically every phase of it is completely bogus. I have no trouble in demonstrating to them that what they took for a train of thought was merely a string of empties. And then they point out to me the obvious fact that they, proceeding gaily from error to error, arrive at the correct answer faster than I do when putting forth the full force of my mighty intellect.

After being out-thought and out-maneuvered by four successive generations of women—my mother, my wife, my daughters and now my 22-month old granddaughter, Lucy—I have come to believe that a wise architect will conclude that with women, as with politics, the old adage applies: "If you can't lick 'em, join 'em."

Alexander Pope said, "The proper study of mankind is man." That may be true for ordinary mankind, but for that better fraction of mankind who have the good fortune to be architects, the proper study of architects is architecture and women.

And not necessarily in that order.

"CHUCK" OPDYKE, a native of Lansing, was born Feb. 28, 1918. He took I.C.S. courses in architecture, and graduated from the Military Intelligence School of the Army. He was registered in Michigan in 1950, is now employed by the Warren S. Holmes Co., Architects. Member MSA; WM Chapter AIA (Chairman Public Relations Committee).

Pictured below is the Architects' Booth at the Lansing Home Show held the week of March 23-30. The space was donated to the Western Michigan Chapter and sponsored by the four firms listed.

This was a public relations activity initiated by Charles V. Opdyke, Chairman of the Chapter's Public Relations Committee, to stress the need for better relations between architects and other elements of the building industry.

Mr. Lee Taylor, Chairman of the Show's Booth Sales Committee, wrote Opdyke, "may I extend my personal congratulations and thanks for your efforts to bring architect and builder into closer harmony and understanding of mutual problems."

The background was donated by the Capitol City Wrecking Company, Lansing building supply dealers.

This is a step in the right direction and should lead to more and larger architect-sponsored public relations projects.

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Residential—Award to Stapert Residence, Kalamazoo

Architect: Raymond M. Stapert, Kalamazoo

Good orientation and adaptation to site. Day use rooms facing view, back to street, but nevertheless inviting entrance side. Pleasing proportion of sleeping rooms. Well arranged closet areas. Good proportions of elements (except for monumental scale of chimney). Good Landscaping.

Commercial and Industrial—Award to Factory of Hekman Biscuit Co., Grand Rapids

Architect: Giffels and Vallet, Inc., L. Rossetti, Detroit

Simple direct plan based on flow of materials and operations. Employees' and visitors' approach and parking facilities well considered. Material and scale in good character. Excellent thought given to location and detail of sign. Clean and pleasing working space. Carefully designed office interiors.

Institutional—Grand Honor Award to Bryant Elementary School, Owosso, Michigan

Architect: Warren S. Holmes Co., Lansing

Excellent use of property site for building and field activities. Beautifully organized plan. Sensitive attention given to circulation spaces by treatment of intermediate foyers. Excellent natural lighting (bilateral). Good planning for isolation of community activities. Clean simple exteriors. Good placement and planning of locker rooms and shop. Well integrated classroom details.

Commendation to Willow Street School, Lansing

Architects: Manson and Carver

An excellent solution of a prevalent difficult problem, involving a crowded site and multiplicity of activities in a small building. Good scale and aesthetic feeling, unpretentious, pleasing materials. Pleasant interiors, well studied in detail.

Jury recommended submission of problem requirements and complete site informamtion.

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Pictured above is Malcolm M. Williams (left) partner in the firm of Warren S. Holmes Co., Lansing who is looking at his firms presentation of the Bryant Elementary School, Owosso, Michigan which was judged as the Grand Honor Award at the March 25th meeting of the Western Michigan Chapter.

Standing besides Mr. Williams is John Richards, Regional Director, Great Lakes District of The American Institute of Architects, who is holding the ceramic trophy which is symbolic of aspiration and achievement and which he presented to Mr. Williams.

Judges for the award were Richards, Jean Hebrard of Paris, France, currently visiting this country, and Warren Platner.

The jury commented, that the outstanding features were the introduction of an intermediate foyer, breaking up an otherwise long corridor, good natural lighting, and isolation of community activities by use of folding partitions.

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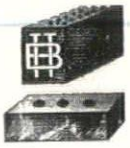

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MEMBERS OF THE WESTERN MICHIGAN CHAPTER WHOSE WORK APPEARS IN THIS ISSUE

ROGER ALLEN, 1126 Grand Rapids National Bank Building, Grand Rapids 2, Michigan. Born Grand Rapids, June 23, 1892. Graduated from Central High School, Grand Rapids, and entered architectural office of his father, the late Frank P. Allen, as architectural draftsman. Served as Lieut. (j.g.) in U. S. Naval Reserve in World War I, as junior officer of naval railway gun battery in France. With Smith, Hinchman & Grylls as draftsman in 1919-1920; in 1921 formed partnership with father, as Frank P. Allen and Son, for practice of architecture in Grand Rapids. On death of Frank P. Allen in 1933, practiced independently; firm name now Roger Allen and Associates. President of Grand Rapids Chapter, A.I.A., in 1944; President Michigan Society of Architects 1945-1946. Conducts a daily column (since 1940) in Grand Rapids Press, author of magazine articles, public speaker. Registered by examination in Michigan in 1920, registered in New York State 1928. Chairman of Architectural Commission of Episcopal Diocese of Western Michigan; member Committee on National Defense, A.I.A.

RAYMOND M. STAPERT, 1030 Campbell Avenue, Kalamazoo, Michigan. Born Kalamazoo, Michigan, August 19, 1909. Attended Western Michigan College, Wilson Engineering School, Correspondence Course, Drafting, Designing & Estimating for General Contractors. Chief Designer, L. C. Kingscott & Associates. Registered in Michigan January 15, 1942. President of Louis C. Kingscott & Associates, Inc., in charge of Design and Research. Specialized in Schools, Hospitals, Churches and Institutional Buildings. Member A.I.A., Michigan Engineering Society.

M. BRICE McMILLEN, 1512 Woodcliffe Drive, S.E., East Grand Rapids, Michigan. Born Belmont, Ohio, July 20, 1911. Ohio State University, B. Architecture, Engineering, 1933. Registered in Michigan June, 1948. Employed at present with Donker Engineering Co., Grand Rapids.

ELMER J. MANSON, 410 West Saginaw Street, Lansing, Michigan. Born Malone, New York, May 27, 1913. Cornell University, B.A., M.A. Foreign travel, study England and France. Registered in Michigan 1947, by reciprocity. Entered own practice January, 1948. A.I.A. Past Secretary of West Michigan Chapter. Now President Western Michigan Chapter. Charles Goodwin Sands Medal 1940.

WILLIAM W. CARVER, 410 West Saginaw, Lansing, Michigan. Born Ithaca, New York, June 1, 1913. College of Architecture Cornell University. B. Arch. 1936. Registered in Michigan 1948 (by reciprocity with N.Y.S.). Western Michigan Chapter A.I.A., M.S.A. Taught Arch. Des., Kansas State College 1942-43. U.S.N. Pacific Theater, World War II.

LOUIS C. KINGSCOTT, 511 Monroe Street, Kalamazoo, Michigan. Born in Bear Lake, Michigan, July 11, 1898. Graduate University of Michigan, B.S.C.E., 1922. Registered in Michigan by examination, 1929. Registered also as engineer. After period of employment in Michigan, began own practice, Stewart-Kingscott Co., Architect & Engineers. Now Louis C. Kingscott & Associates, Inc. Past member Michigan State Board for Registration of Architects, Prof. Engineers & Land Surveyors. Past President, Western Michigan Chapter, A.I.A. Past Commander, American Legion, Chef de Traine 40 and 8.

CLARKE E. HARRIS, 2200 Olds Tower, Lansing, Michigan. Born Maple Park, Illinois, August 7, 1906. Graduate University of Michigan, 1929. Early experience Oklahoma and Michigan. Registered in Michigan in 1938. Entered own practice 1944. A.I.A. Registered as architect in Wisconsin, Indiana, and Ohio. With Warren S. Holmes Co. since 1935, partner since 1944.

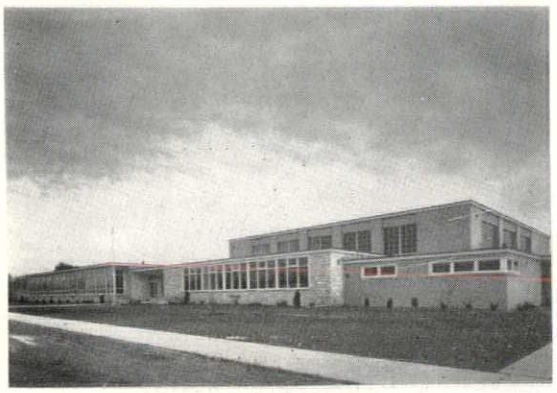
BERNARD J. DE VRIES, 613 Hackley Union Nat'l Bank Building, Muskegon, Michigan. Born Chicago, Illinois, June 21, 1909. Michigan State College. University of Michigan. B.S. in architecture from University of Michigan. Registered in Michigan 1937. Entered own practice 1938. Kiwanis Club, Chamber of Commerce, Sec. Western Michigan Chapter A.I.A. 1945. Award "Young Man of the Year" in 1943. Chairman of City Planning Commission. V.P. Kiwanis 1951.

CHARLES AUSTIN O'BRYON, 63 Jefferson Ave., Grand Rapids, Michigan. Born Belding, Michigan, May 31, 1910. University of Michigan. Registered in Michigan, 1947. Entered own practice 1948. A.I.A., Exchange Club, Chamber of Commerce, Builders & Traders Exchange. Elected Secretary-Treasurer, Western Michigan Chapter A.I.A. for 1951. Greenridge Country Club, Civic Affairs Committee, G. R. C. of C. Citizens Capital Budget Committee for Grand Rapids, Grand Rapids Home Builders Association.

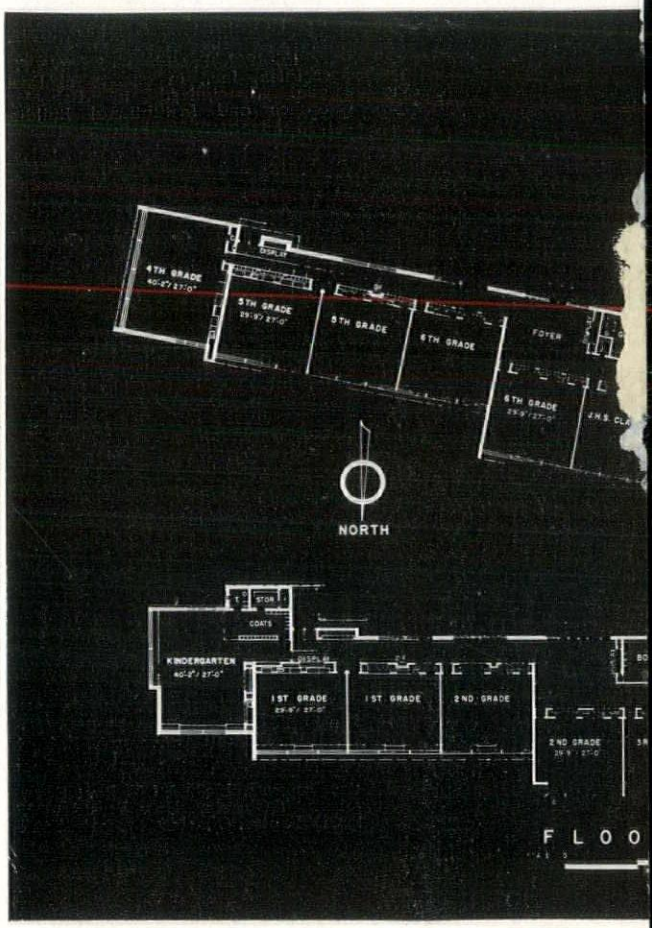
CLARK R. ACKLEY, 1811 E. Michigan Avenue, Lansing 12, Michigan. Born Lansing, January 28, 1911. Graduate U. of M., 1932. Offices of J. N. Churchill and Warren S. Holmes, Lansing. Registered in Michigan by examination October 6, 1938, and maintained practice under own name in Lansing since. Member Michigan Engineering Society, Optimists of Lansing, Junior Chamber of Commerce.

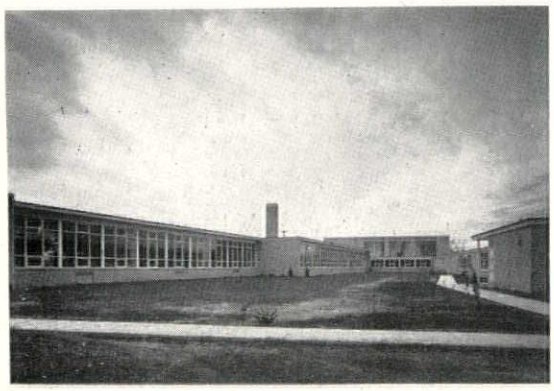
SCIENCE ROOM

HOME ECONOMICS ROOM



STREET FRONT





COURT VIEW

BRYANT ELEMENTAR

OWOSSO, MICHIGAN

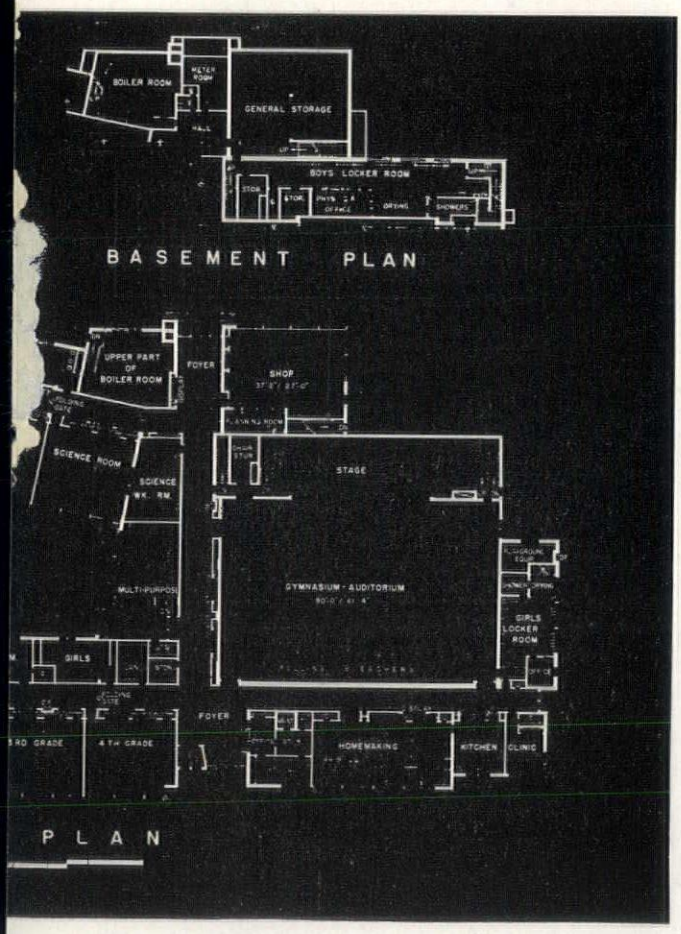
Warren S. Holmes Co. •Architects• Lansing, Michigan

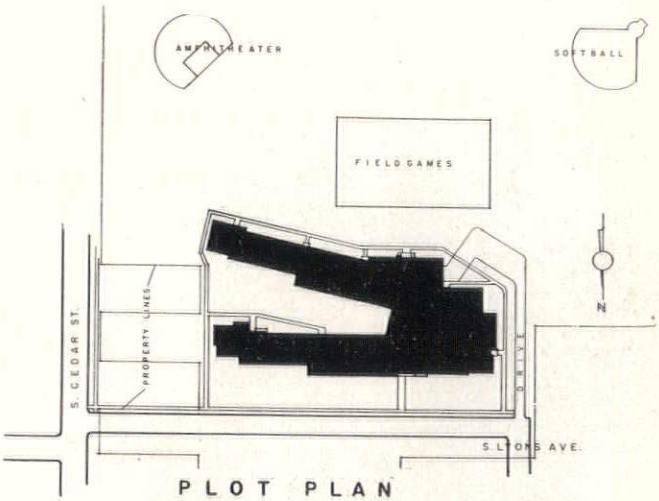
Board of Education •Owner• Owosso, Michigan

L. P. Cushma

MULTI-PURPOSE ROOM

KINDERGARTEN COAT STORAGE





BRYANT ELEMENTARY SCHOOL, OWOSSO, MICHIGAN

This building is planned for a modern elementary program, grades kindergarten through eight and a capacity of 500 students.

Total Cost $430,000.00

Square Feet 43,500 Cost per sq. ft. . . $9.90

Cubic Feet 634,000 Cost per cu. ft. . . $0.68

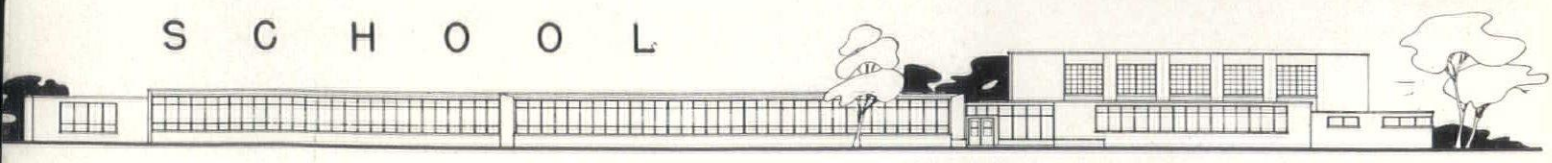
Bids Received: March 1950

There are 14 classrooms and the following special rooms: kindergarten, science, Homemaking, shop, library gymnasium, and administration.

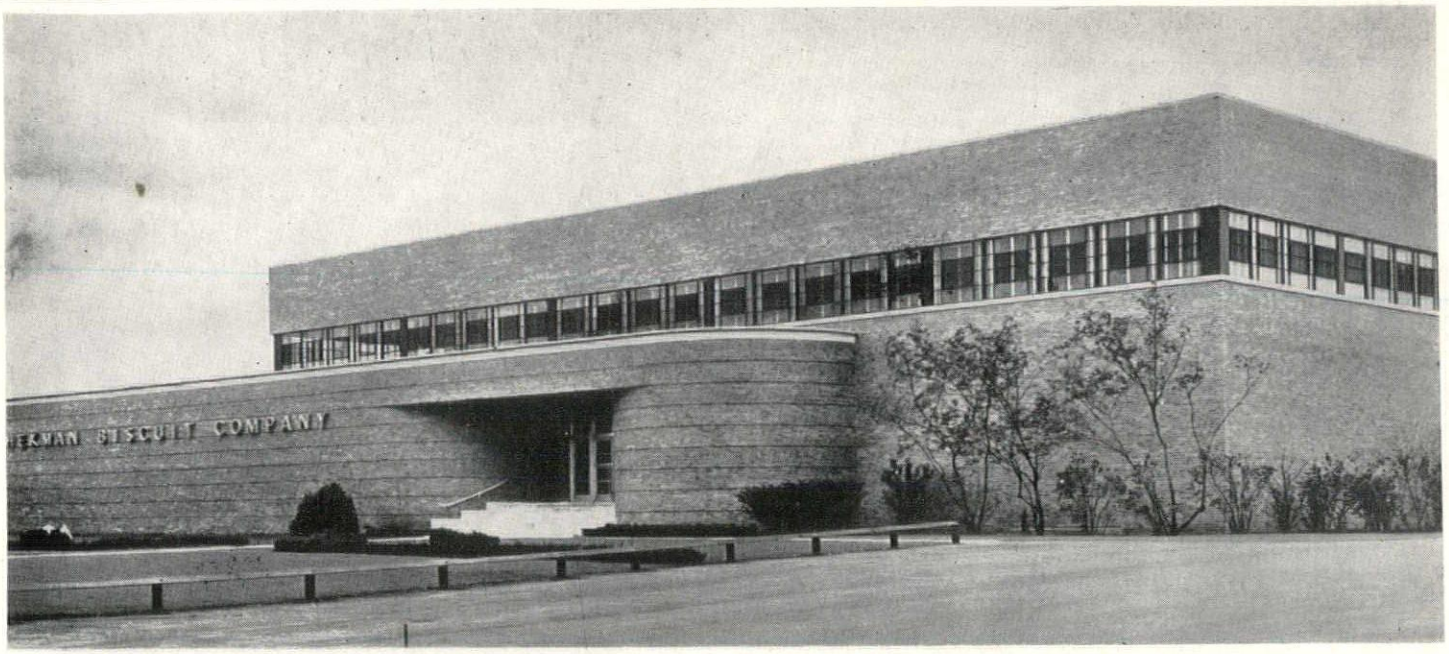
The building is one story steel frame construction bilaterally lighted. Roof is pitch and gravel on gypsum deck supported on steel joists. The interior walls are of cinder block, the exterior, face brick. Wainscots in corridors, locker rooms, gymnasium and toilets are structural facing tile. Floors in corridors, locker rooms and toilets are terrazzo, in classrooms asphalt tile, kindergarten linoleum, and gymnasium wood. Ceilings are acoustical tile. The windows are clear glass in wood sash. The clerestory is directional glass block.

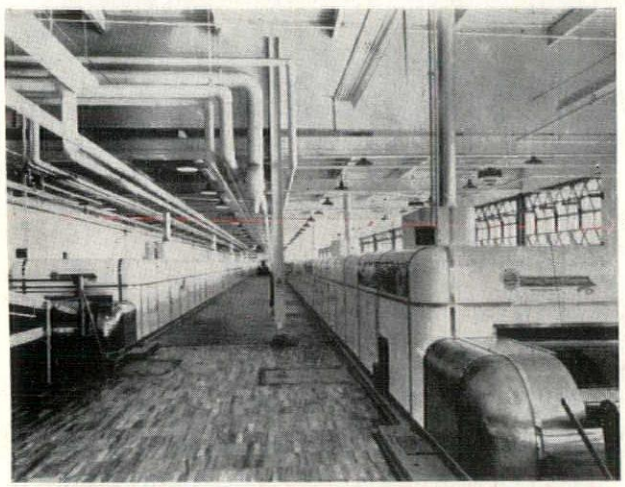
Heating and ventilating is provided by unit ventilators with oil fired steam as the source. Classroom lighting is incandescent.

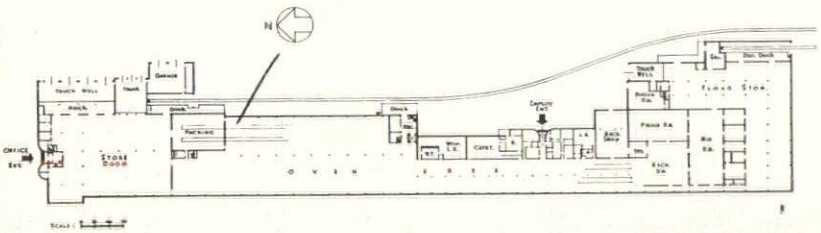
S C H O O L

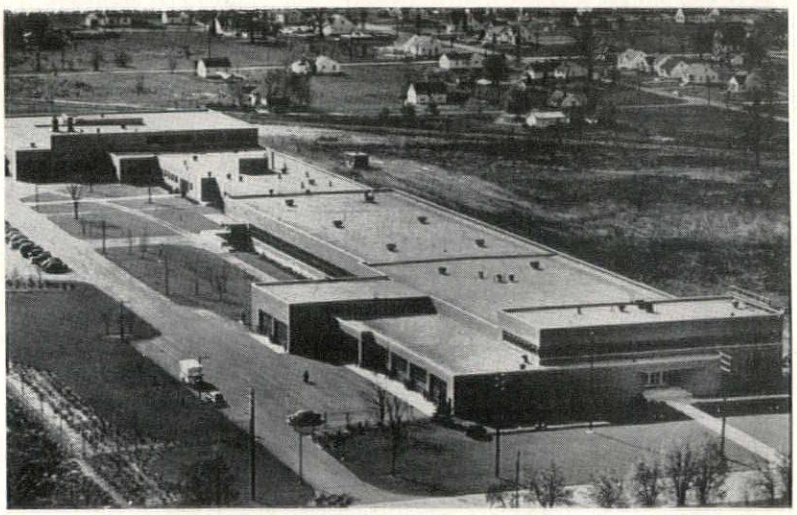


uperintendent of Schools • Arthur Vollmer Construction Co. • General Contractor •
Saginaw, Michigan









HEKMAN BISCUIT COMPANY,

(a) Special Requirements and Conditions

The problem was to design a building to house the processing, storage, and mixing departments for a biscuit company. The building is designed for expansion westward. Rails bring in raw materials and trucks take away the finished product. A front office adjoins the plant. Flour storage space houses 40 carloads or 3,200,000 pounds in a room with controlled temperature and humidity so the company can age its own flour. There are storage tanks for syrups, molasses, vegetable oils and shortenings. Tanks hold up to 12,000 gallons. The plant is air conditioned. A complete machine shop for repairing and building new machinery is a special feature of the plant. Completely automatic equipment and glazed tile walls throughout insure perfect cleanliness.

(b) Technical Data

Foundation: Reinforced concrete, spread footings.
Structural Frame: Structural Steel.
Roof Deck: Steel
Insul.: Fiberglas.
Roofing: 20-year tar and gravel.
Exterior Walls: Iron spot face brick, sand, lime backup—
Sash: Steel, commercial projecting.
Doors: Wood, kalamein, overhead.
Interior Partitions: Wood and glass.
Interior Finish: Painted masonry, unglazed facing tile, glazed tile.
Ceiling: Open.

GIFFELS & VALLET
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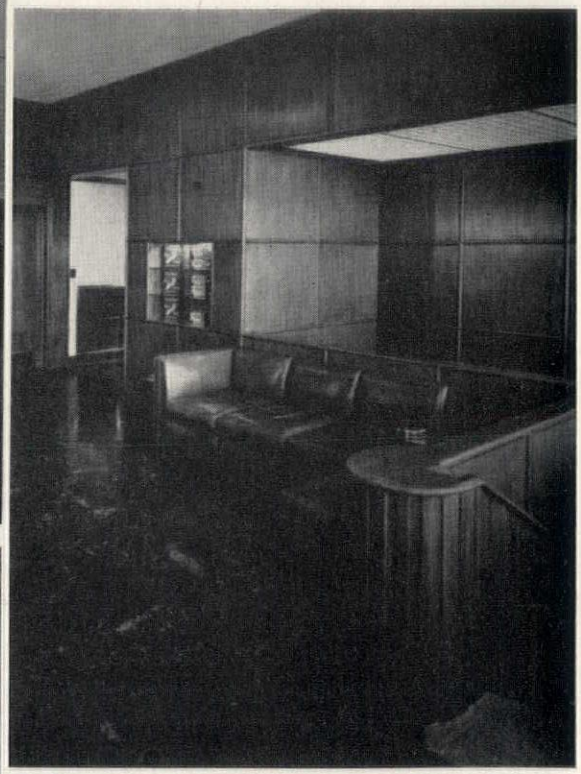

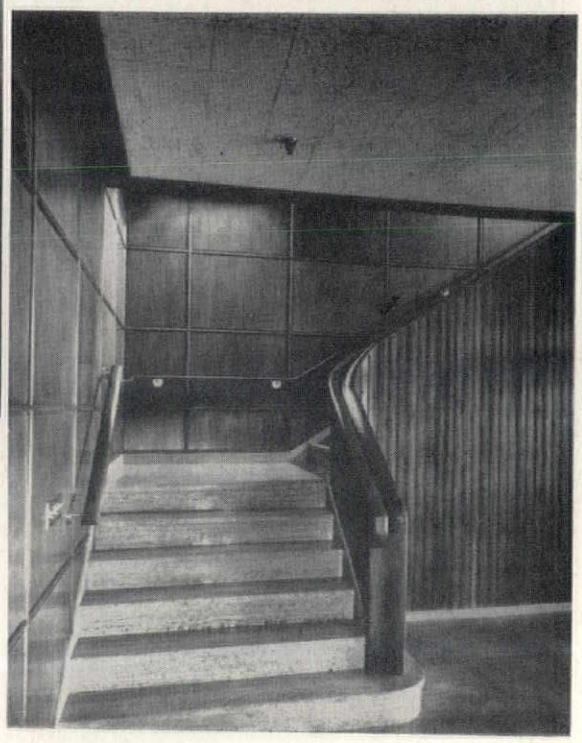

GRAND RAPIDS, MICHIGAN

Floors: Iron bound maple, flat grain.
Heating: Steam unit heaters.
Vent. or Air-Cond.: Offices completely air-conditioned, plant ventilated by sash and ventilators.
Plumbing: Complete sanitary and storm systems.
Process Piping: Liq. Sugar sys. molasses, etc.
Fire Protection: Sprinkler system.
Water tower: None
Lighting: Principally cold cathode fluorescent with some mazda.
Power: Primary—7200 V., 3 phase, 60 cycle.
Power—480 V., 3 phase, 60 cycle.
Remarks: Lights—120/208 V., 3 phase, 60 cycle, grounded neutral.
(c) Cost: $2,418,000.
Gross Cubage: 3,650,000 cu. ft.

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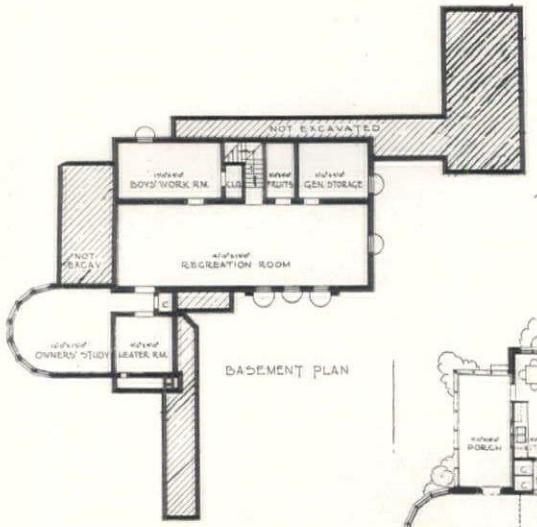
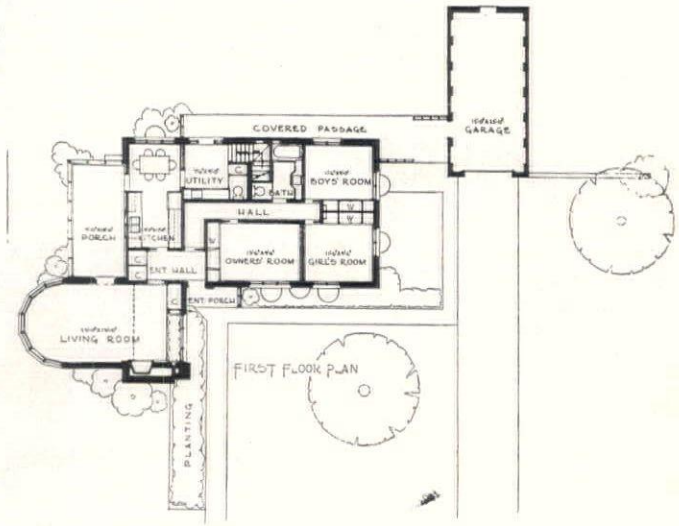
SOIL TEST BORINGS FOR HEKMAN BISCUIT COMPANY, GRAND RAPIDS, MICHIGAN

RAYMOND M. STAPERT RESIDENCE
KALAMAZOO, MICHIGAN



BASEMENT PLAN



FIRST FLOOR PLAN

and built-in dressers. Childrens' rooms also have a built-in desk.

The house has a full basement partially due to making use of the difference in grades. Under the living room this provides a well lighted north room which can be used as a studio. The basement has a large recreation room and ample workshop and storage facilities.

The residence is located on a parcel of land approximately 2¼ acres in size. Frontage along Campbell Avenue and Pinehurst Blvd. is 406 feet. The depth varies between 275 and 330 feet. The land slopes to the north to deep wooded ravine.

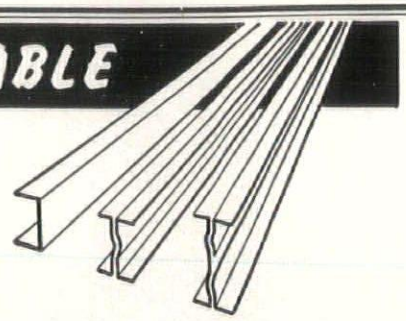
The house is oriented in such a way that all the day-use areas which include living room, porch, kitchen and dining area face toward the wooded slope. The living room has a window-wall towards the ravine but also a generous window area on the south to let in the winter sun. An interior and exterior planting area provides for year-around flowers.

Sleeping rooms are separated from the living areas to insure quietness and privacy. These rooms have east, south and west exposures.

The home is designed for a family of five, which includes one girl and two boys. Facilities for storage of clothing consists of wardrobes

RAYMOND M. STAPERT, A.I.A., ARCH.
KALAMAZOO, MICHIGAN

NOW AVAILABLE



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AN ELEMENTARY SCHOOL BUILDING FOR THE WILLOW STREET SITE

For the Board of Education
of the City of Lansing, Michigan

This school was one of three elementary schools, all similar in size and requirements, that were bid together and constructed by one general contractor, but designed by three separate architectural firms. By means of considerable collaboration between the three architects during the preliminary planning and in the working drawing and specification stage, a substantial savings to the owner was achieved. In general the same construction methods and materials were used in all three buildings, although the different site conditions caused considerable differences in the plan arrangements and exterior appearance.

The building has a double-loaded corridor with bilateral lighting and contains four 28'x28' Classrooms each with:

- Boys Toilet
- Girls Toilet
- Wardrobe (opening off Corridor)
- Teachers Closet and Storage Cabinet with 3 file drawers.
- Work Counter recess with sink and drinking bubbler.

Two 28'x36' Kindergartens, separated by an accordion partition, each with:

- Toilet
- Coat Room
- Teachers Closet
- Storage Closet

Kitchen
General Storage Room
Book Storage Room
Waiting Room
Principal's Office
Clinic and Toilet
Teacher's Lounge and Toilet
Boiler Room

GENERAL CONSTRUCTION

- Concrete footings
- Concrete block foundations
- Concrete slab and sand fill
- Light steel frame
- Metal roof deck — Fenestra "AD" acoustic panels
- 1" rigid insulation and built-up tar and gravel roof.
- Brick exterior walls with cinder block back-up.
- Steel windows—projecting and fixed.
- Limestone window sills and exterior trim.
- Interior partitions—wood stud, plastered.
- Glass block in clerestories.
- Asphalt tile floors and rubber base.
- Ceramic tile floors and walls in toilets.
- Linoleum wainscot in Corridor.
- Asbestos chalkboards, cork tack boards.
- Oak trim, casework, plywood paneling in Classrooms and Kindergarten.

HEATING

- Oil-fired steam boiler
- Unit ventilators in Classrooms and Kindergartens
- Connectors
- Pneumatic controls
- Incinerator

VENTILATING

- Power ventilator for exhaust from Toilets.
- Gravity ventilator with motorized damper for exhaust from Classrooms through Wardrobes. Kitchen exhaust fan.

ELECTRICAL

- Fluorescent lighting with louvers.
- Master Time and Program Bell System.
- Fire Alarm System.

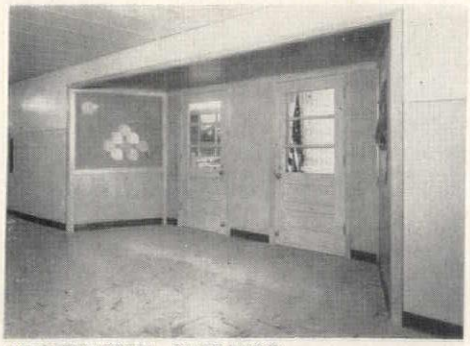
COSTS

General	$109,500
Plumbing	16,000
Heating	18,000
Ventilating	2,000
Electrical	9,500
	$155,000

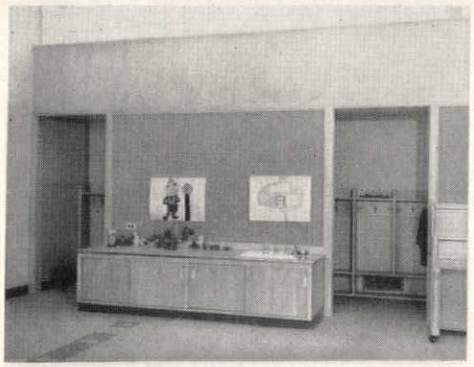
105,000 cubic feet @ $1.48
9,000 square feet @ $17.22

MANSON & CARVER, ARCHITECTS, LANSING, MICHIGAN
GRANGER BROS., GEN. CONT., LANSING, MICHIGAN

Photos by Dale K. Bulock

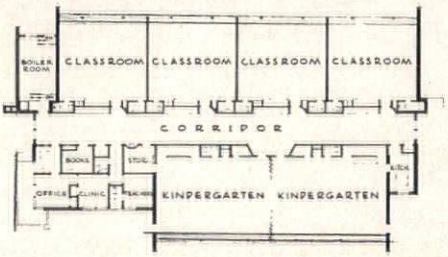


KINDERGARTEN ENTRANCE



KINDERGARTEN WORK COUNTER

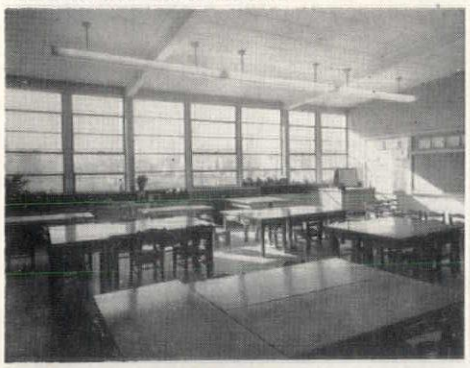
CORRIDOR WARDROBES



FLOOR PLAN

WILLOW STREET SCHOOL

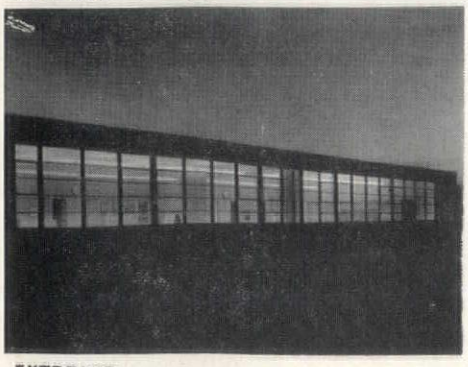
LANSING MICHIGAN



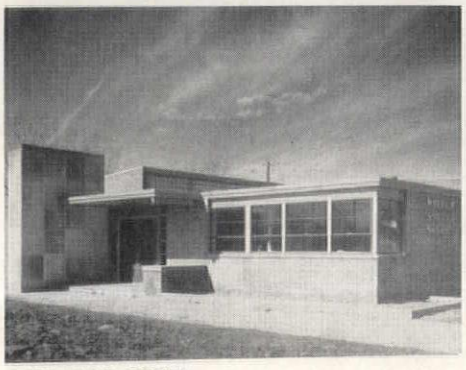
TYPICAL CLASSROOM

TYPICAL CLASSROOM

KINDERGARTEN



EXTERIOR



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To blend wood and stone and steel into a religious entity of form and purpose is the function of the understanding architect. This church consistory sought contemporary design yet one in harmony with indoctrinated characteristics that have symbolized churches throughout the years. The basic architectural requirement, therefore, for this edifice was to combine the warmth and understanding of ageless religion with the virility and vitality of our own intrepid era.

Contrasting shades of grayface brick with limestone and granite trim in moderation on the exterior render a sense of solidity and timelessness. The framework is of steel with laminated wood beams and purlins in the nave. The roof deck over the church proper is of wood with some use of poured gypsum and poured concrete decks over certain wing areas. Floor finish is primarily asphalt tile and quarry tile in entrances and lobbies.

The imposing front entrance is a huge rectangle rising above the rest of the building and framed with cut stone panels surrounding vertical strips of specially colored glass.

The interior provides a unique innovation in placing the narthex directly in the center, thus dividing the building into two definite units yet remaining an integral whole. One unit contains the nave, balcony (above which is a recreation room) chancel, organ chamber, and choir loft. Seating capacity is approximately 700. The principal worship services are held in this section.

The opposite section, two stories high, contains an auditorium and stage, an adjacent fully equipped kitchen, study, consistory room, lounge, and clerk's room, all on the first floor. The second floor consists of Sunday school rooms. This area is equipped with six large fabric covered folding doors which, in effect, serve as walls during Sunday school classes or may be opened for large, group gatherings when required. This entire unit is admirably flexible in purpose —capable of being used for church sponsored religious, educational and social functions as well as all necessary administrative work.

Interior woodwork of the church (including pews), chancel and narthex is in the rich soft tone of rift sawn clear white oak. Miscellaneous trim and woodwork in the balance of the structure in unselected red birch.

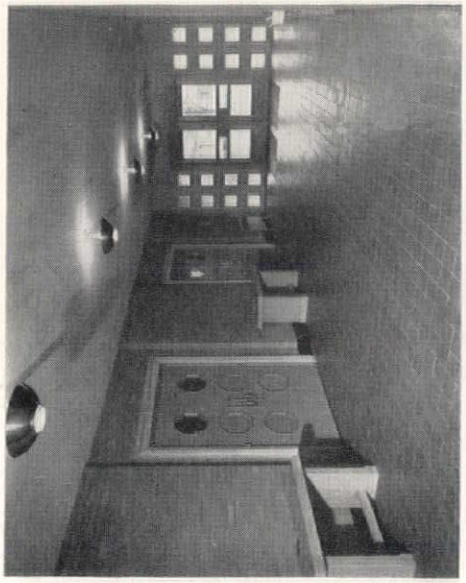
Acoustics in the church and narthex are adequately controlled by the use of acoustical tile ceilings in both areas, and exposed pumice block in the walls of the nave.

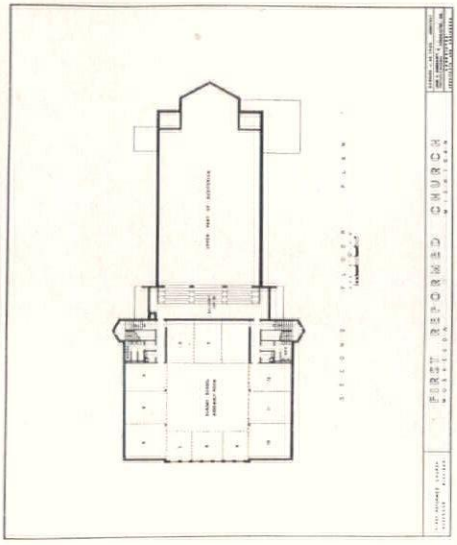
Stained glass, so much a part of all church history, is used in the finest tradition with seven tall windows depicting the seven churches of the Apocalypse in one side wall of the church, the opposite wall with seven windows and the story of the days of creation, while the rear of the chancel carries twelve windows in rich, abstract patterns.

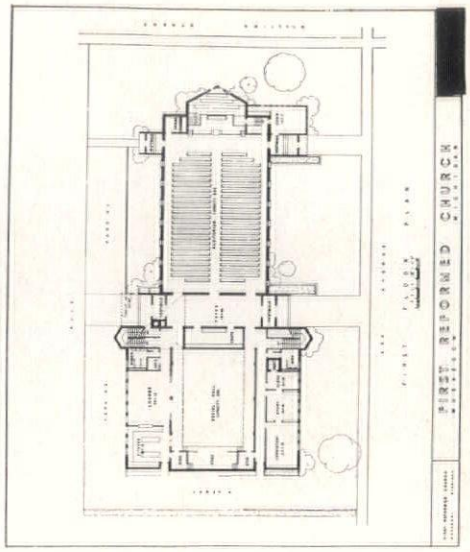
A large illuminated copper cross attached by brackets to the exterior wall of the tower lends a sincere touch of religious form to the simplicity of design.

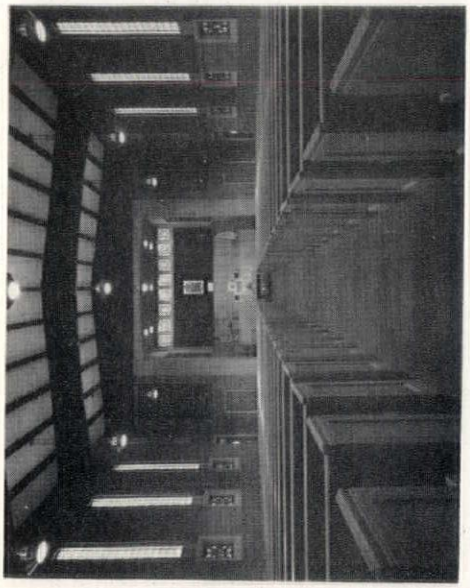
Both structurally and architecturally, the symbolical figures of the Bible—3, 7 and 12—are frequently used in the number of bays, windows, ceiling panels, and lighting fixtures.

The structure is heated, in general, by radiant heat floor panels, thereby eliminating convectors, fans and ducts. Some areas, however, are heated by direct radiation.

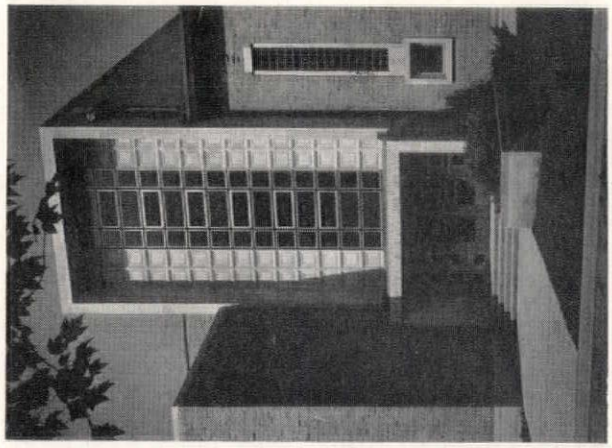








FIRST REFORMED CHURCH
MUSKEGON, MICHIGAN



LOUIS C. KINGSCOTT & ASSOCIATES, ARCH. & ENG.
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BERNARD J. DE VRIES, A.I.A. ARCHITECT
MUSKEGON, MICHIGAN

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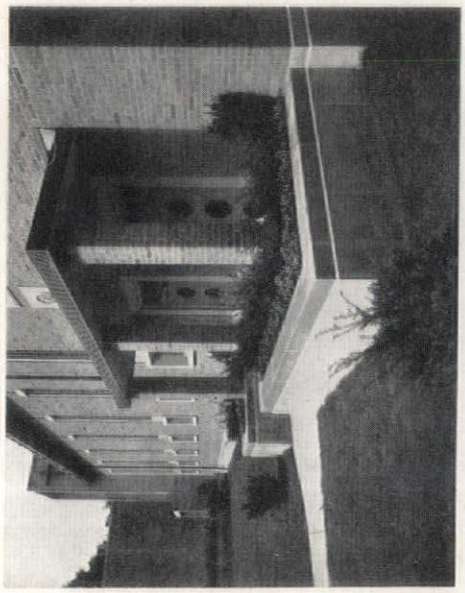

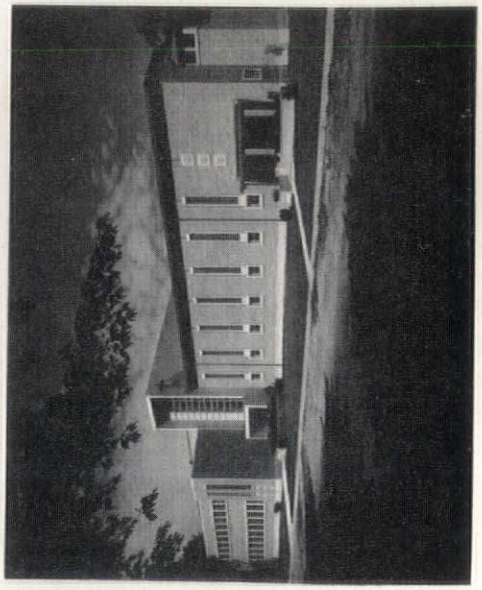

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CHEM BRICK MEETS A.S.T.M.
SPECIFICATION FOR S.W. BRICK

The site of this structure was chosen on the basis of three considerations, namely (1) close proximity to the downtown business area of Grand Rapids; (2) relationship of site to rail transportation; (3) accessibility by motor truck transportation.

This piece of property had never had anything previously constructed upon it except an oil and gasoline service station located at the southwest corner. The entire river bank area was "made land", having been gradually built up with miscellaneous waste and fill materials over a long period. Test borings revealed the nature of the fill and its unsuitability as foundation material. This information, plus the fact that even normal foundations would be subject to possible undermining by water when the river was in flood stage led to the selection of the pile and grade beam type of foundation for the building structure itself. In order to reduce the expense and complexity of the foundation work it was decided to rest the first floor slab on compacted sand fill since the loads were not excessive in the office building portion and such minor settlement as might occur in the warehouse area would not adversely affect the building's usefulness.

The existing main track of the Michigan Central Railroad had to be relocated several feet to the west in order to gain sufficient area for the new structure and its spur siding. The eastern limit was governed not only by natural conditions but the formally established, though unused to date, City Dock Line. Consideration had to be given to what effect any future flood wall construction along this line might have on the proposed building.

The building structure rests on 91 Raymond Concrete piles. The warehouse has 12" block walls, steel columns, girders and bar joists with a poured gypsum deck and tar and gravel roof. The office building is of the same general construction except for brick facing and block backup with a second floor concrete slab on corrugated steel on bar joists.

The General Purpose room on the second floor is designed for display purposes, sales meetings, and the introduction of new items. The rear wall of the stage has a complete operating electric kitchen set up, featuring the latest appliances from which buffet style lunches are served at the various meetings. This kitchen wall can be closed off by drawn curtains to leave the front portion of the stage for use as a speaker's platform. Likewise both side wall areas can be closed off by curtains to conceal new displays until the psychological time for their unveiling. Not shown on the plan herewith but visible in one of the photographs is a pent house for a chain hoist which brings appliances from the warehouse floor to the General Purpose Room through a double door opening (likewise not indicated on Plan).

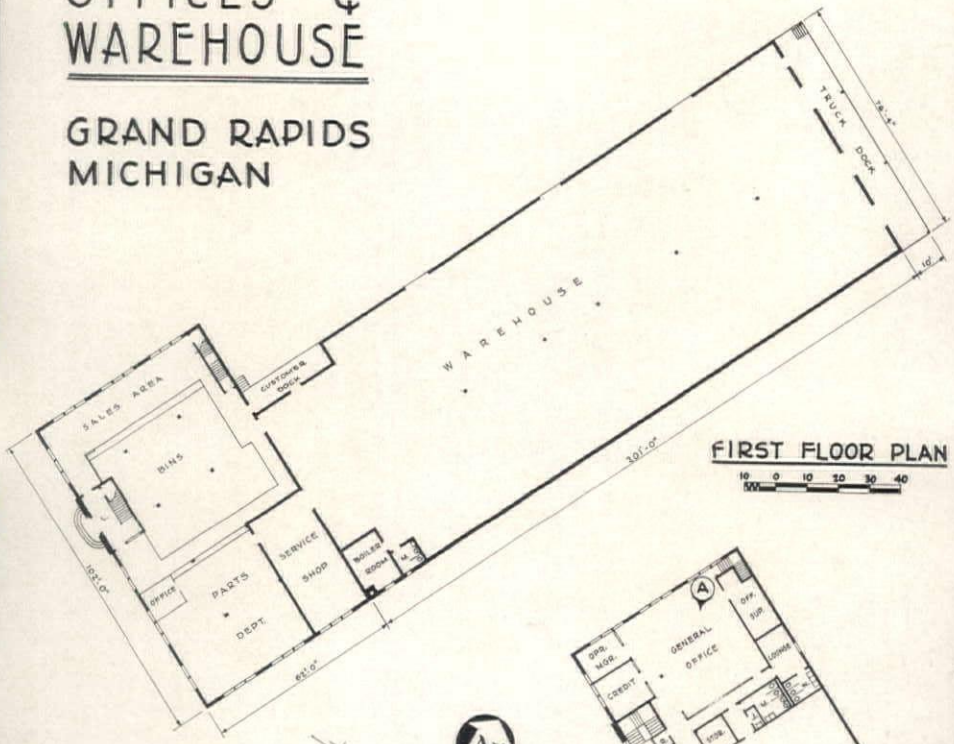
The remainder of the building is laid out for the normal functions of the Corporation's operations. The sales area ceiling is studded with lighting fixtures which are operated as single or multiple units by an installation of the General Electric Remote Control wiring system.

Heating is by convector in the office areas and by unit heaters in the warehouse area. Fuel is gas and the two boilers are General Electric steel boilers, being quite compact and giving the physical appearance of being too small for the job.

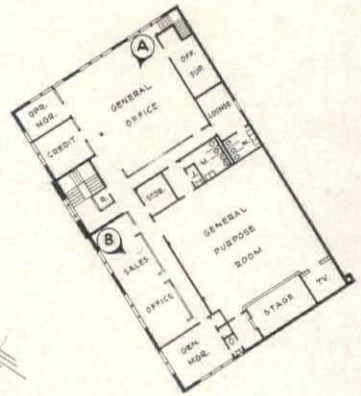
GENERAL ELECTRIC SUPPLY CORPORATION

OFFICES & WAREHOUSE

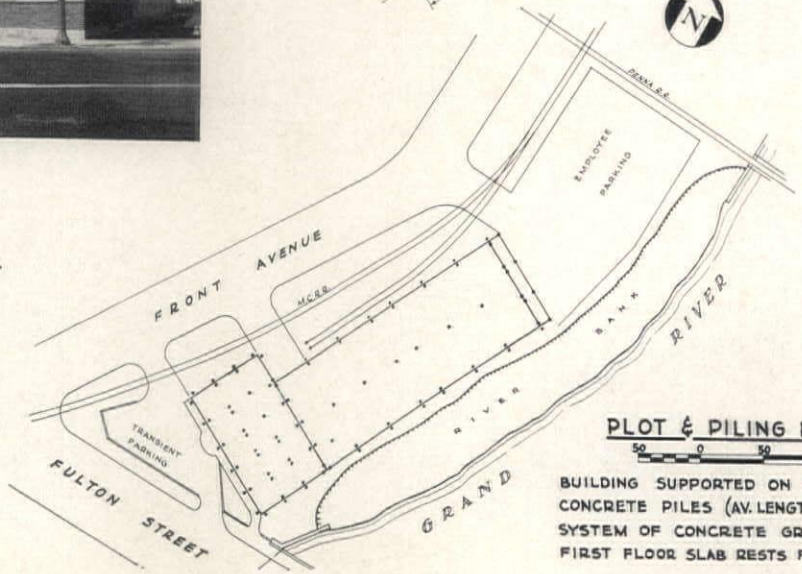
GRAND RAPIDS
MICHIGAN



FIRST FLOOR PLAN



SECOND FLOOR PLAN



PLOT & PILING PLAN

BUILDING SUPPORTED ON 91 RAYMOND CONCRETE PILES (AV. LENGTH - 30') AND A SYSTEM OF CONCRETE GRADE BEAMS. FIRST FLOOR SLAB RESTS FREE ON FILL

M. BRICE McMILLEN
DONKER ENGINEERING CO.
ARCHITECT
GRAND RAPIDS, MICH.

BARNES CONST. CO.
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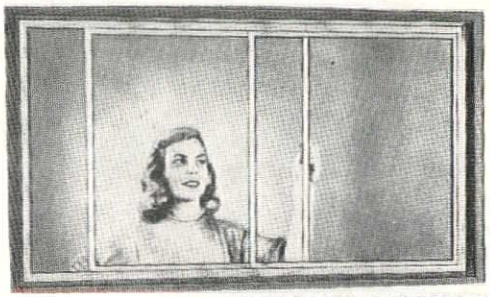

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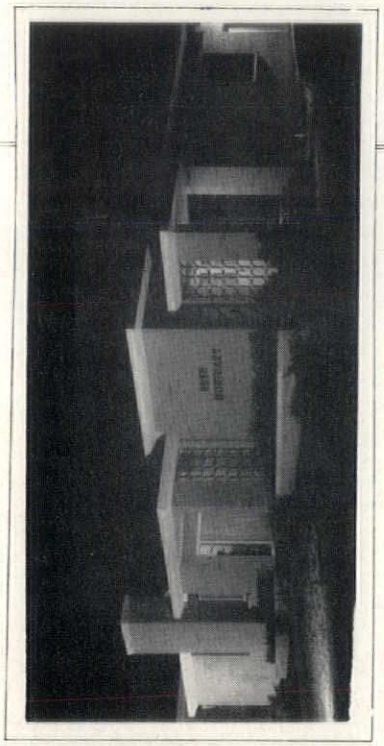


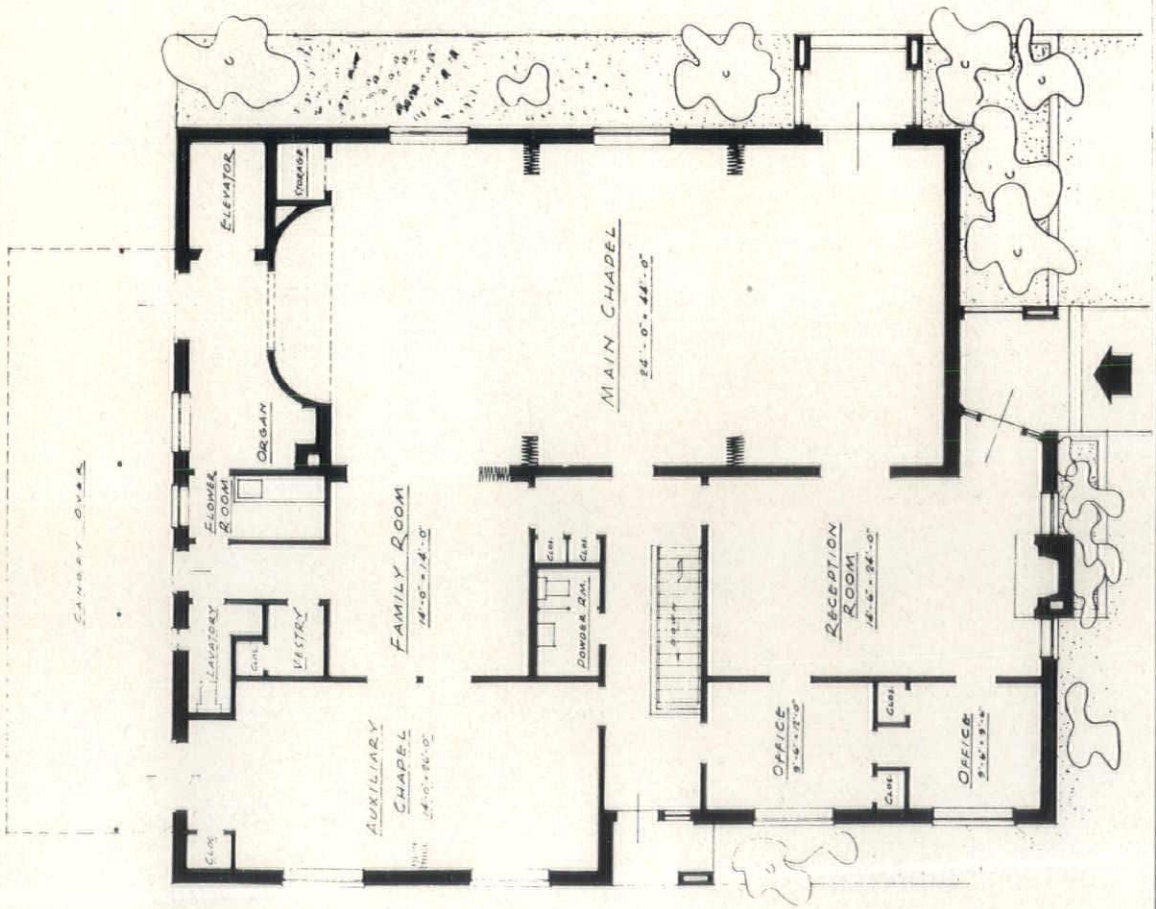
BUSH MORTUARY

LANSING . . . MICHIGAN

SCHEDULE OF CONSTRUCTION

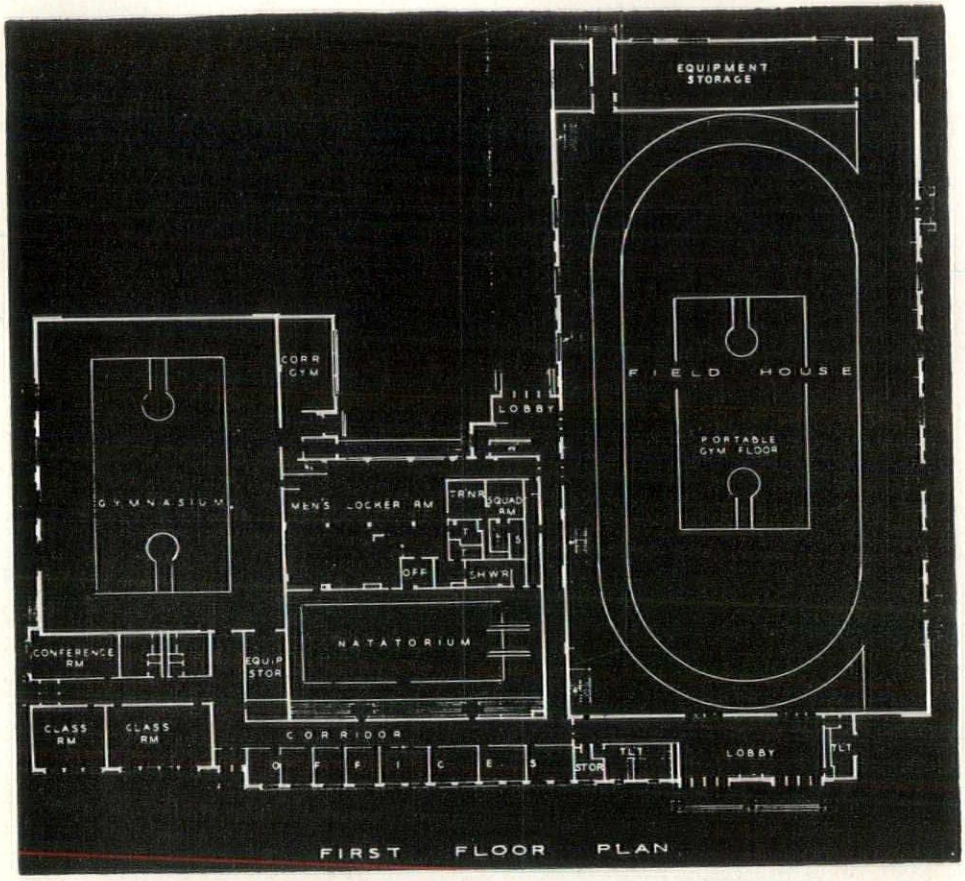
MATERIAL: REINFORCED CONCRETE
FOUNDATION WALLS: CONCRETE BLOCK
EXTERIOR WALLS: CINDER BLOCK & BRICKMAT FACE BRICK
FLOOR FRAMING: CONCRETE SLAB ON CONCRETE FILLING
ROOF FRAMING: STEEL TRUSS & WOOD JOISTS
ROOFING: PITCH & GRAVEL
INSULATION: ALUMINUM FOIL
WINDOWS: STEEL CASEMENT
DOORS: PLAIN WOOD VENEERED
FLOOR FINISH: ASPHALT TILE, RUBBER TILE, CARPETING
WALL FINISH: PLASTER & STRIATED PLYWOOD
CEILING FINISH: ACOUSTICAL TILE

HEATING: HOT WATER CONVECTORS & BASEBOARD RADIATION
PLUMBING: HOT & COLD WATER LINES, TANK TYPE FIXTURES
LIGHTING: COVE LIGHTING IN CHAPEL, FLUORESCENT & INCANDESCENT ELSEWHERE



CLARK R. ACKLEY, A.I.A., ARCHITECT, LANSING, MICHIGAN

FRANCIS J. CORR, INC., GEN. CONT., LANSING, MICHIGAN

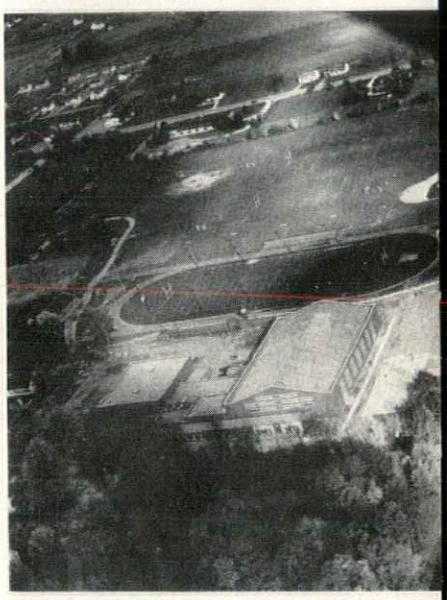


FIRST FLOOR PLAN

SPECIAL FEATURES

1. Number of lockers—2100.
2. Visiting team room to be used by the faculty during the week.
3. Portable basketball floor in the Fieldhouse.
4. Seating capacity of 4000, which can be enlarged if needed.
5. Glass backboards.
6. Training room completely equipped with rubbing tables, tub and whirlpool baths, diathermy and infra-red lamps.
7. Adapted Sports gymnasium.
8. Ten lap clay track in the Fieldhouse with a 65 yard straightway.
9. Swimming pool 30' x 75'.
10. Filtration and circulation system pool.
11. Two underwater observation windows.
12. Two Olympic diving boards with adjustable falcrums.
13. Seating capacity at one side of the pool for 350 persons.
14. Golf driving nets.
15. Handball courts.
16. Rooms for boxing and wrestling.
17. Classrooms and conference rooms.
18. Indoor baseball and tennis facilities.

AERIAL VIEW FROM SOUTHWEST



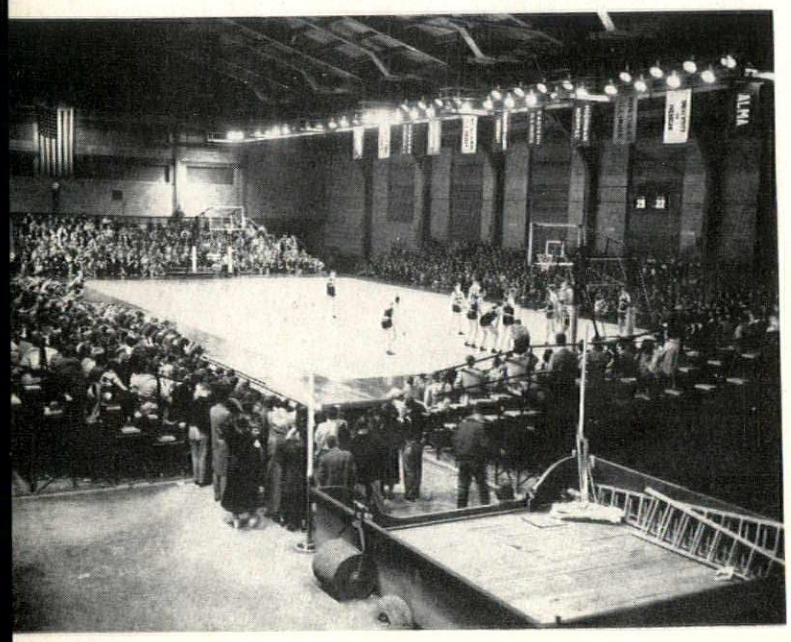
HEALTH AND PHYSICAL EDUCATION BUILDING

BASEMENT — Boxing and Wrestling room; Hand Ball courts; Storage room; Machine room; Lower Part of Pool; and Pool view space.

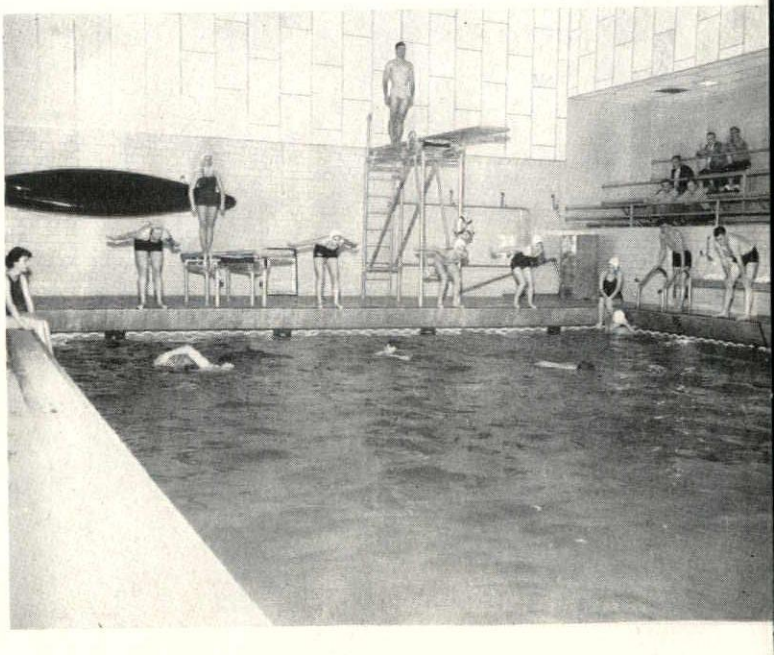
FIRST FLOOR — Fieldhouse; Portable basketball court; Equipment storage room; Two storage rooms; Adapted sports gymnasium; Classrooms; Offices; Lobbies; Natatorium; Squad room; Men's locker room; Shower rooms; Training room; Rest rooms; Showers.

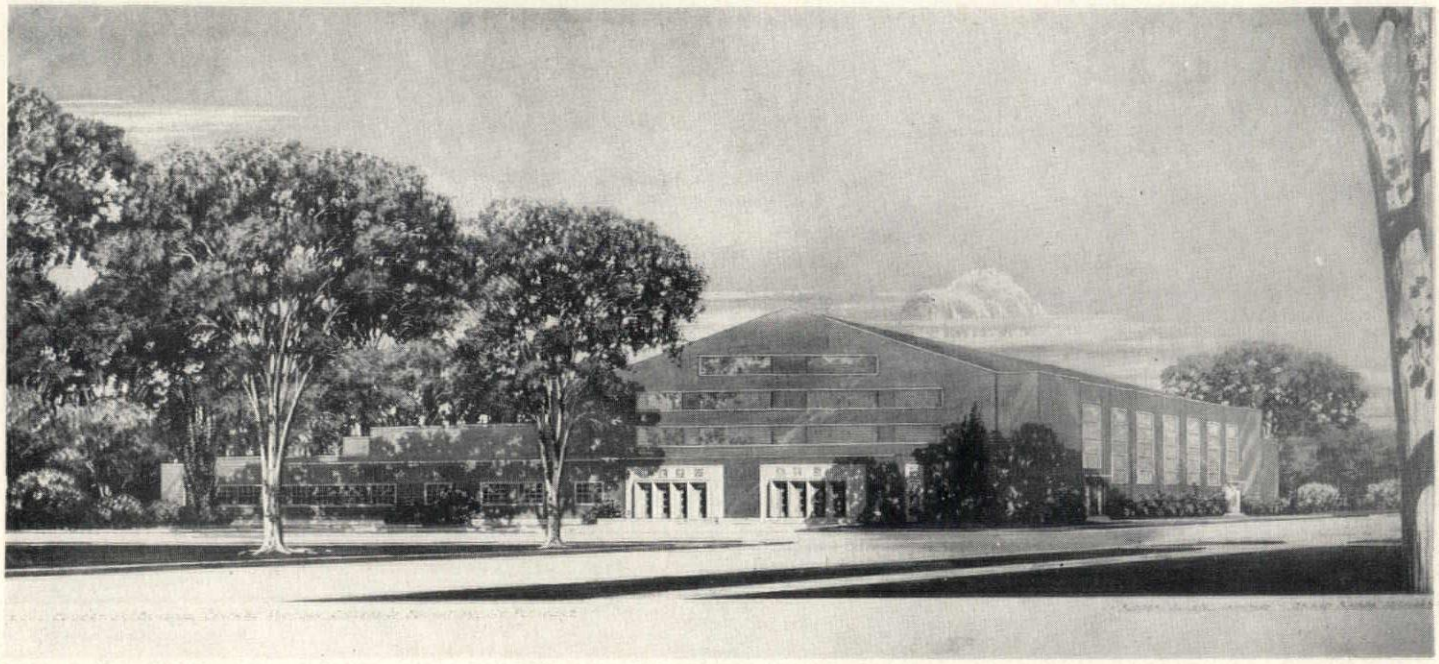
SECOND FLOOR — Girls' locker room; Drying room; Showers; Press box; Two Fan rooms; Storage room; Showers.

INTERIOR OF FIELD HOUSE



NATATORIUM—SHOWING SPECTATORS' STANDS





CENTRAL MICHIGAN COLLEGE OF EDUCATION, MT. PLEASANT, MICHIGAN

ROGER ALLEN & ASSOCIATES, ARCHITECTS, GRAND RAPIDS, MICHIGAN

STROM CONSTRUCTION COMPANY, GENERAL CONTRACTORS, GRAND RAPIDS, MICH.

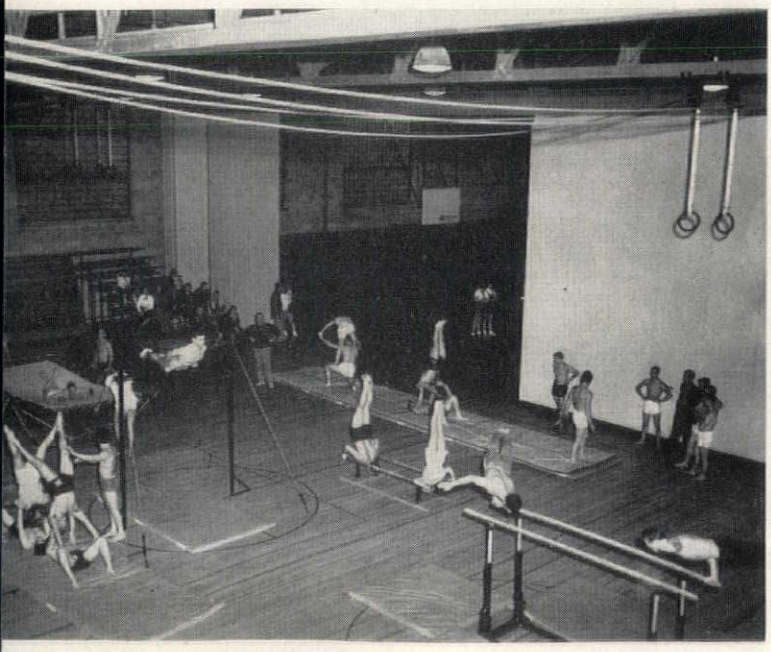
Central Michigan College's new Health and Physical Education Building and Fieldhouse is one of the finest and most modern in the nation. Actual cost of the building is over a million dollars.

The dimensions of the new building are 340 ft. x 288 ft. making it one of the largest on the campus. The south wing of the building contains a fieldhouse 263 ft. x 138 ft. The north wing contains two gymnasiums 59 ft. x 92 ft., separated by an automatic folding partition. The swimming pool is in the front center section. Locker room facilities and adapted sports are in the rear center section. Offices, class and conference rooms are housed across the front of the building. Handball courts and rooms for boxing and wrestling are in the basement. The building is furnished with new equipment and instructional apparatus.

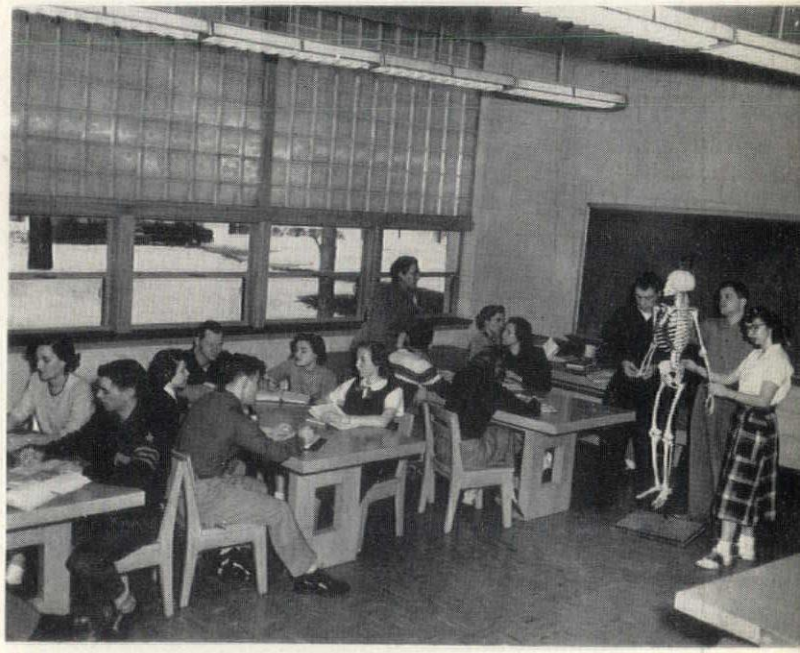
The building meets the needs of Central's rapidly growing Health and Physical Education department. It also serves as a center for many of Central Michigan's activities.

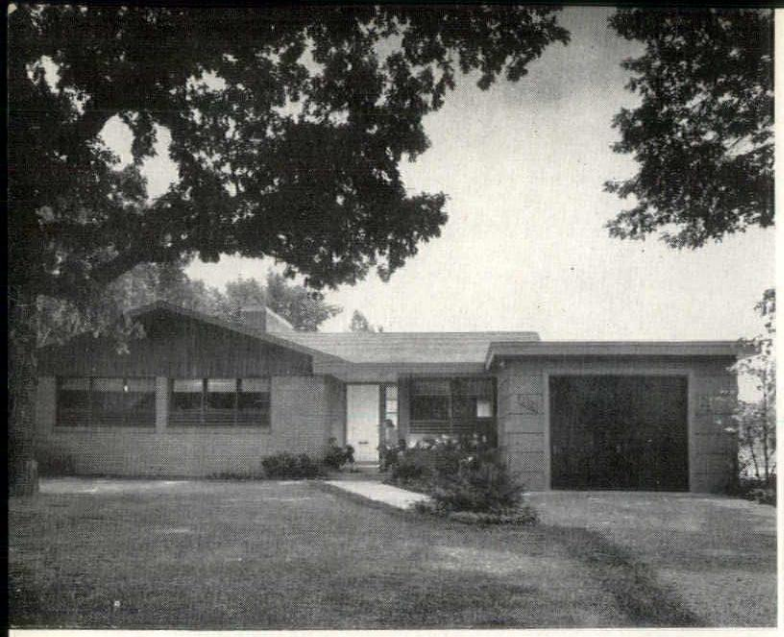
The new building serves the Central Michigan area and the State of Michigan by providing a focal point for many activities. Annually many organizations hold meetings and conferences on the Central Michigan College campus. Participants in State High School district and regional basketball tournaments will have more convenient and modern facilities. Many other High School athletic events such as the annual Central Michigan College Relays, one of the largest of its kind in the nation, will have an opportunity to use the new facilities.

MAIN GYMNASIUM FROM BOYS' HALF



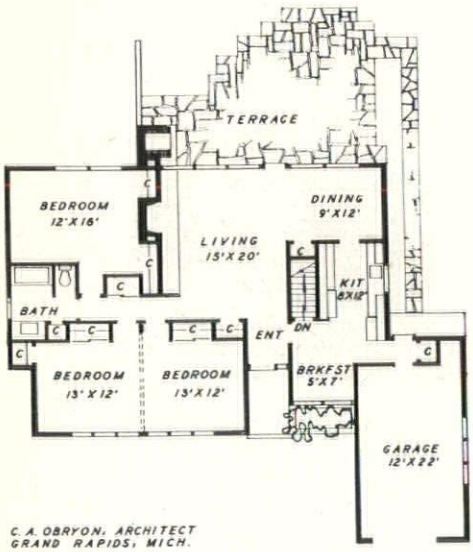
TYPICAL CLASS ROOM INTERIOR





BILL HEDRICH, HEDRICH-BLESSING PHOTOS

FIVE STAR HOME, GRAND RAPIDS, MICHIGAN



The "Five Star Home" designed for Better Homes & Garden Magazine was planned for a family of four—father, mother, and two children, probably a boy and a girl of pre-school age.

The plan is of the open type with the living and formal dining area to the garden side or rear of the house, away from the street noises and the prying eyes of the passerby. To achieve indoor-outdoor living, the entire rear wall is glass with a door leading to the terrace which extends the full width of these rooms. The fireplace wall is brick, with the wall extending through to the terrace into which is built a barbecue pit for outdoor snacks or picnics. The terrace is paved with flagstone which also extends into the living room for the fireplace hearth.

The fireplace wall extending into the terrace also serves as a sound baffle to the master bedroom on the rear or garden side of the house.

The children's rooms were placed on the front or street side, window sills placed just high enough to give privacy. The two rooms are divided with a folding partition for flexible use of the area, when closed, two completely private rooms—when open a large play area. Also, later on when the children are grown, the area may be divided as a den and guest room, or one large room.

The kitchen is placed with an end exposure into the service area, off which is an informal dining or breakfast room exposed to the front or street side.

The garage is placed to the front, attached at the kitchen or service end of the house. The stairway to the basement is also placed in this area for easy access to the exterior service area.

The house is planned around a "soft" area—living dining room, master bedroom; and a "hard" area—kitchen, entry, hall, and children's rooms. The floor of the "hard" area is cork; the "soft" area is carpeting.

The bath is placed between the children's rooms and the master bedroom with an end exposure. The lavatory is placed in a counter, the water closet and tub in separate areas for dual use of this room.

Materials were chosen for their durability and easy upkeep, on the exterior wood shingles, redwood boards and brick, on the interior walls double layer plaster-board in a dry-wall sandwich construction, floors of cork, oak flooring and slate.

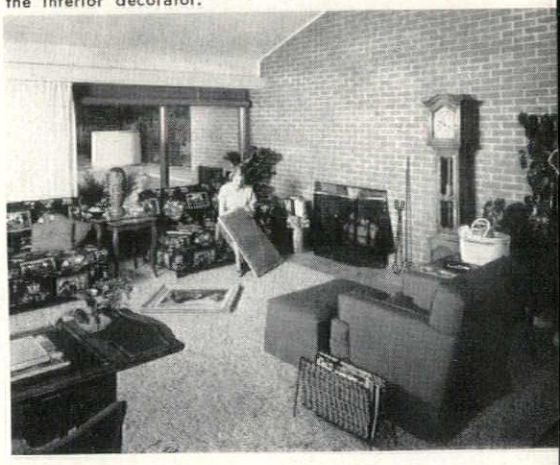
The ceiling of the living-dining room and master bedroom follow the roof construction to a height of 10'-8" to give an air of spaciousness and to achieve economy.

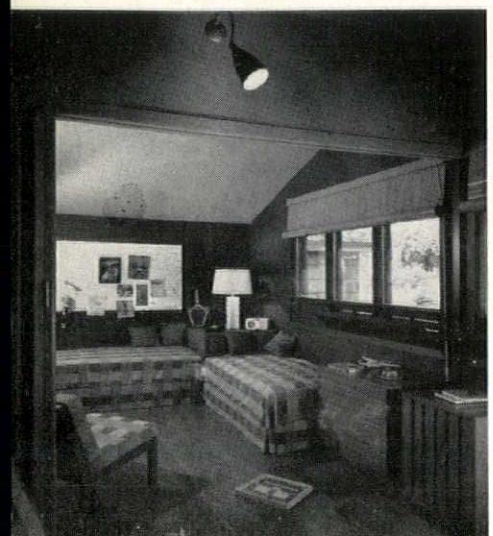
Kitchen cupboards are of wood construction with a stained finish, as are the flush wood doors.

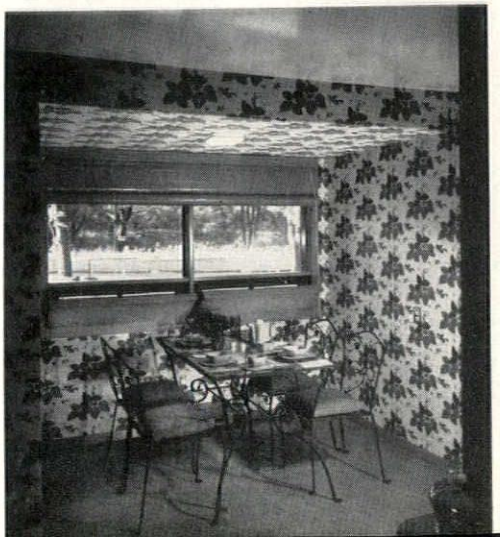
The windows are of special design, fixed double-glazed with ventilation through screened louvres at the bottom of each one. There are no storm sash or screens to take down or put up.

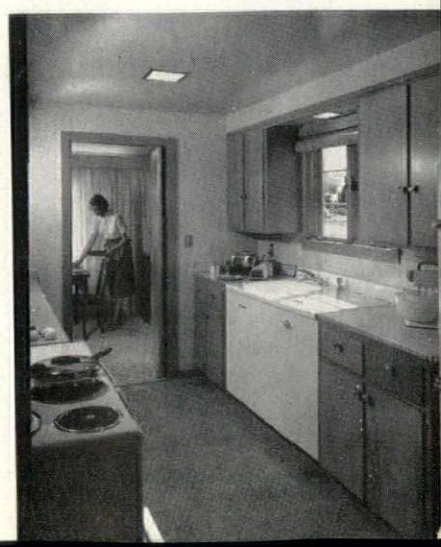
The architect tried to design this house as a functional living space, with easy access to any room of the house without passing through other rooms, lots of storage and closet space, intelligent use of material for easy upkeep, and the ability to "take it," orientation on the lot for privacy. The plan and exterior design is contemporary in character, a home for living today and tomorrow.

The house was built by the Nichols & Cox Lumber Co., and the Wurzburg Store of Grand Rapids was the interior decorator.









THE ARCHITECTS RESPONSIBILITY

By Charles V. Opdyke, Chairman, Public Relations Committee, Western Michigan Chapter, A.I.A.

In the beginning God created heaven and earth, and the earth was without form, and void; and darkness was upon the face of the deep. And the Spirit of God moved upon the face of the waters. And God said, Let there be light: and there was light. Gen. 1, 1-3.

So it is in the first chapter and so it is today. To be seen you have to produce light, to be heard you have to produce sound and to be known you have to produce results. The act of producing these effects is Public Relations. Public Relations in the profession ARE THE ARCHITECTS RESPONSIBILITY.

Before jumping headlong into a public relations program, be your office large or small, one must analyze his needs and determine what he wants this program to do for **him** as well as the profession at large. A goal must be clearly defined as to what end results are desired. Cost of such a program must be considered, paralleling advertising in other businesses, and the results of your expenditures must realize your objectives in order to be effective.

The very core of public relations is centered in your own office. What is the quality of your work? is it a contribution to the public? will each of your buildings be a salesman who introduces your next client? What are your services? The building projects on which architects are engaged are the most eloquent illustrations of the nature, extent and value of architectural services. Each project is evidence of the faith of a client who has engaged an architect. Each project constructed illustrates the technical competence of the architect. If these are true let the public know this. Thus; if you are a practicing architect, if you have clients, and if you have projects, completed and under construction, then you have a foundation and the key to public relations.

Make sure that your contribution to architecture is appropriately recognized. The sign designating your office is the first step, it will indicate that you are an architect, but it should also identify you with The American Institute of Architects. Your plans and specifications should clearly bear your name and business address, a sign large enough to read from a distance should be on each construction project. Placing your plans and specifications in the plan rooms of such agencies as the Builders and Traders Exchange will benefit you as well as the construction industry. Submit your delineations to the press for publication of all your proposed projects, clearly indicating your name as the architect. Some newspapers crop down the photographs so as to fit with the columns, so place your name in a position that will insure it being included in the final print.

To be sure of good reproduction make the rendering with strong contrasts, the best results being obtained by using india ink. The ordinary photograph usually does not bring out the architectural qualities of a building. Employ a photographer who has an appreciation for architectural beauty and one who can bring out this quality in his work. Many an otherwise beautiful building has been spoiled by the results of the run-of-the-mill commercial photographer. A picture is worth 10,000 words; make it say 10,000 words.

When your building project is completed, the architect should be included in the dedication ceremony. If you are not, make it your business to be recognized. One may tactfully ask if a few remarks by the architect during the ceremony would be of help. He could comment on the development of the building from its conception to its completion, describe the use, and give other statistics concerning materials, cost etc. Above all, call the press and make sure they are properly informed of the events, names and places. These are but a few of the tools for public relations available to the practicing architect which confront him during the normal operation of his practice. All he needs to do is to pick them up and MAKE THEM WORK FOR HIM.

When people are faced with a building problem, how many of them think of an architect? Too few indeed, the reason being that the architect has never bothered too much with the public. The public must be informed of the capacities of the architectural profession. Your client must be educated before he reaches you. When you educate and influence the general public along the lines of the value of your services, your capabilities and your technical skill, you have in a sense educated your future clients and when they come to you to solve their problems they come in absolute faith whch is the result of your previous efforts towards better public relations.

There are other allied fields where public relations may flourish. Your part in civic activities and club work will broaden your scope and bring in clients. Some architects are appointed to civil defense committees, building code committees, city planning, slum clearance, redevelopment, zoning organizations and even school boards. Charity organizations and other worthwhile groups where your activities are given publicity that will also give you recognition. The architect should not join these groups solely for the reason of gathering clients but rather because he feels that he may be of some service to these organizations.

The latest trend on public relations is the use of paid advertising through the chapter. Several chapters throughout the nation are now doing this with fair to good results.

When funds are not available from the chapter, donations from the practicing membership have offset the costs. An excellent means of publicity is through the publication of pamplets and distributing them to the banks, loan offices, libraries and waiting rooms.

The New York Chapter has printed a pamphlet, "So You Want an Architect," and has distributed 15,000 of them. It is hoped that this effort will bring some understanding to the layman, so that when he becomes a client he will understand his architect. This is another means of effecting public relations with a low operating cost.

The more extensive methods of projecting public relations include public addresses by architects, radio and television broadcasts, educational orientation in the schools and colleges, and articles in national publications.

To the individual practitioner, he must make the public conscious, he must analyze all means of communication, in order to discover the method best suited to his purpose. Only by this way will he be able to establish communication with the outsider; he must make the light, for this is THE ARCHITECTS RESPONSIBILITY.

GEORGE W. SPRAU, JR., has been named a director of the architectural firm of Louis C. Kingscott and Associates, of Kalamazoo, Mich.

Sprau, who is a registered architect, has been asosciated with the design department of the firm since 1946. He was graduated from the College of Architecture and Design of the University of Michigan in 1939.

In addition to Sprau, the other members of the firm's board of directors are Raymond Stapert, president; Herman J. Pratt and James Albert, both vice-presidents; Louis C. Kingscott, secretary and treasurer; Peter VanderLaan, P. R. Kingscott, and A. K. Bulthuis.

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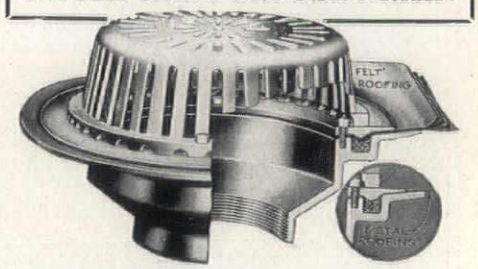

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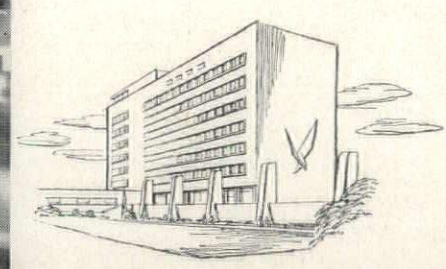

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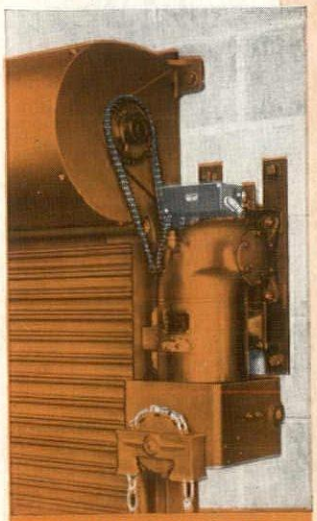

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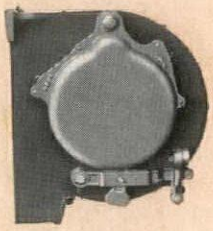

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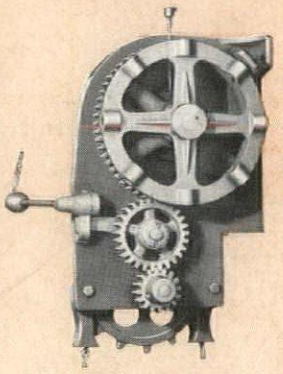

Mahon Release Device for Chain-Gear Operator on Mahon Mechanically Operated Rolling Steel Fire Doors. Fusing of the Fusible Link, which releases the Automatic Closing Mechanism, simultaneously disengages the Chain-Gear Operator.

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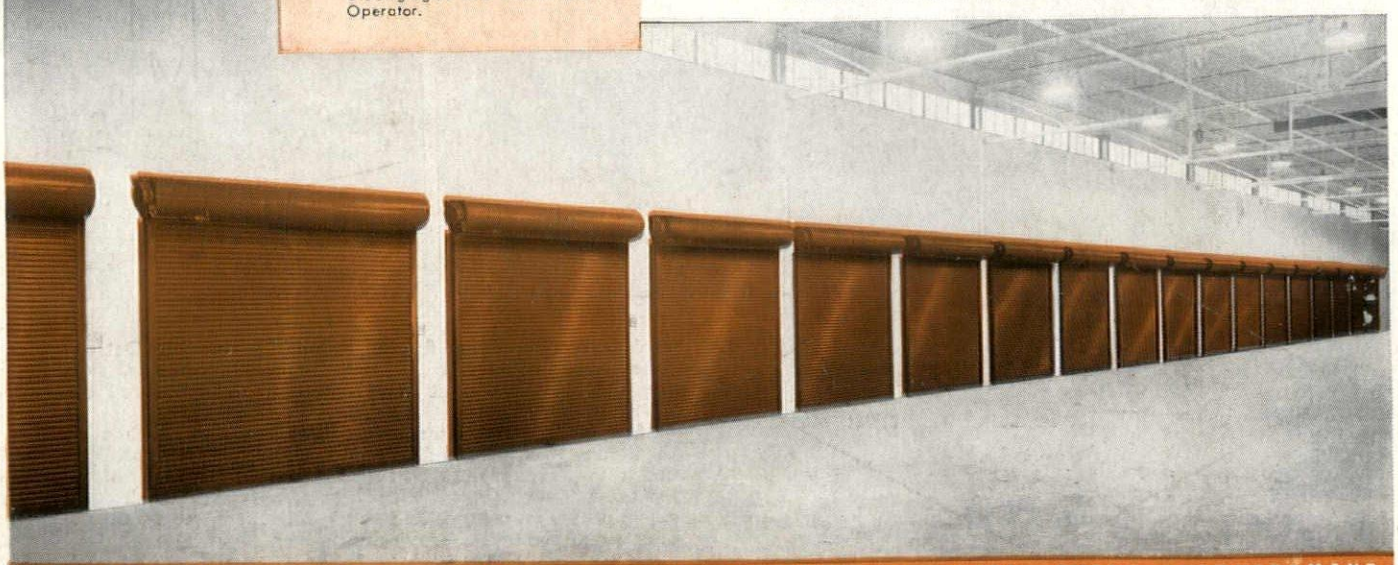

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